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SUBMISSION TITLE:	Discovery Education Math Techbook - Grade 6 with Advanced
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COURSE TITLE:	M/J Mathematics 1, Advanced
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BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST) (Include the student edition and teacher edition with the page numbers of lesson, a link to lesson, or other identifier for easy lookup by reviewers.)
ELD.K12.ELL.MA.1	English language learners communicate information, ideas and concepts necessary for academic success in the content area of Mathematics.	Algebraic Expressions > Use and Analyze Expressions > Discover > Investigate > Investigation 3: Writing Situations from Expressions > Hands-on Activity: Writing Situations https://app.discoveryeducation.com/learn/player/1e1b283a-6885-47d7-86d8-3c576c903fa8
ELD.K12.ELL.MA.1	English language learners communicate information, ideas and concepts necessary for academic success in the content area of Mathematics.	Algebraic Expressions > Use and Analyze Expressions > Discover > Investigate > Investigation 3: Writing Situations from Expressions > Written Expressions and Real-World Situations https://app.discoveryeducation.com/learn/techbook/units/10697acf-75a0-47c6-8077-e00c1a855324/concepts/50e4e6f0-5392-4e2e-b2f4-7c4df3f8a577/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/80c145dd-988b-429f-aa39-33a099c424cb

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ELD.K12.ELL.MA.1	English language learners communicate information, ideas and concepts necessary for academic success in the content area of Mathematics.	Areas of Polygons > Find Areas of Parallelograms and Triangles > Discover > Investigate > Investigation 2: Right Triangles https://app.discoveryeducation.com/learn/techbook/units/306189f3-ef5c-46c1-80f4-fbaeac54bf2a/concepts/8e484864-3f2f-4349-acb4-b905463f63e6/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/2f02aef4-98d6-4502-b3d6-ce5a74c00335
ELD.K12.ELL.SI.1	English language learners communicate for social and instructional purposes within the school setting.	Algebraic Expressions > Use and Analyze Expressions > Discover > Investigate > Investigation 3: Writing Situations from Expressions > Check for Understanding https://app.discoveryeducation.com/learn/player/8b52ea49-6267-4387-baa1-b02f1f7fea58
ELD.K12.ELL.SI.1	English language learners communicate for social and instructional purposes within the school setting.	Equations and Inequalities > Write and Solve Inequalities > Discover > Investigate > Investigation 2: Writing Inequalities > Activity: A Perfect Match https://app.discoveryeducation.com/learn/player/4d87c42f-a43e-483b-a996-f64955cdec8
ELD.K12.ELL.SI.1	English language learners communicate for social and instructional purposes within the school setting.	Dependent and Independent Variables > Explore Relationships Between Two Variables > Discover > Investigate > Investigation 1: Dependent or Independent Variables https://app.discoveryeducation.com/learn/techbook/units/4a0c6f6d-be10-4948-bd11-009eeadfb3ce/concepts/98951f36-c965-4f54-92e0-87028c2c213c/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3fa58ee4-c989-4652-bc40-4c272a159d1e
LAFS.6.SL.1.1.a	Come to discussions prepared, having read or studied required material; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.	Division, Factors, and Multiples > Use Standard Algorithm for Division > Discover > Investigate > Investigation 1: Exploring Division > Check for Understanding: Partner Discussion https://app.discoveryeducation.com/learn/player/0bf6c1f4-086b-4cd0-a254-89218ea4e2ad

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LAFS.6.SL.1.1.a	Come to discussions prepared, having read or studied required material; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 2: Comparing Rational Numbers > Partner Discussion https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/efe54bfd-890a-4076-a4ad-d2c2e342701f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/71fa9ff8-c4d3-4f3a-a179-a3458a245a4f
LAFS.6.SL.1.1.b	Follow rules for collegial discussions, set specific goals and deadlines, and define individual roles as needed.	Division, Factors, and Multiples > Use Standard Algorithm for Division > Discover > Investigate > Investigation 1: Exploring Division > Partner Discussion https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/a90f8516-a7e9-46a8-9fbc-7121b32174fd/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/ed6ca0af-cb2f-4738-98db-e54bdfc16bc3
LAFS.6.SL.1.1.b	Follow rules for collegial discussions, set specific goals and deadlines, and define individual roles as needed.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 3: Number Line Chooser > Partner Discussion https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/efe54bfd-890a-4076-a4ad-d2c2e342701f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/90242d7a-6f1b-4a0f-9035-b3626363afed

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LAFS.6.SL.1.1.b	Follow rules for collegial discussions, set specific goals and deadlines, and define individual roles as needed.	Rational Numbers > Interpret and Use Absolute Value > Discover > Investigate > Investigation 1: Absolute Value > Interactive: Skeleton Army Defense https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/59d8df9d-38de-4e74-b09d-429071151a1b
LAFS.6.SL.1.1.c	Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.	Division, Factors, and Multiples > Use Standard Algorithm for Division > Discover > Investigate > Investigation 1: Exploring Division > Partner Discussion https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/a90f8516-a7e9-46a8-9fbc-7121b32174fd/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/ed6ca0af-cb2f-4738-98db-e54bdfc16bc3
LAFS.6.SL.1.1.c	Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 3: Number Line Chooser > Partner Discussion https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/efe54bfd-890a-4076-a4ad-d2c2e342701f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/90242d7a-6f1b-4a0f-9035-b3626363afed
LAFS.6.SL.1.1.c	Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Extension: Which Scale Should You Use? https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/efe54bfd-890a-4076-a4ad-d2c2e342701f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3cc5a142-1bde-463a-88a4-4d347bdf084e

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LAFS.6.SL.1.1.d	Review the key ideas expressed and demonstrate understanding of multiple perspectives through reflection and paraphrasing.	Division, Factors, and Multiples > Use Standard Algorithm for Division > Discover > Investigate > Investigation 1: Exploring Division > Partner Discussion https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/a90f8516-a7e9-46a8-9fbc-7121b32174fd/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/ed6ca0af-cb2f-4738-98db-e54bdfc16bc3
LAFS.6.SL.1.1.d	Review the key ideas expressed and demonstrate understanding of multiple perspectives through reflection and paraphrasing.	Division, Factors, and Multiples > Use Standard Algorithm for Division > Discover > Investigate > Investigation 2: To Divide or Not to Divide? https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/a90f8516-a7e9-46a8-9fbc-7121b32174fd/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/cb963a0c-97e7-4efb-9ad2-f038f9ce18e4
LAFS.6.SL.1.1.d	Review the key ideas expressed and demonstrate understanding of multiple perspectives through reflection and paraphrasing.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 3: Number Line Chooser > Partner Discussion https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/efe54bfd-890a-4076-a4ad-d2c2e342701f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/90242d7a-6f1b-4a0f-9035-b3626363afed
LAFS.6.SL.1.2	Interpret information presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how it contributes to a topic, text, or issue under study.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Investigation 3: Factor Trees https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/0a8154c6-f6c1-4e7e-a4a8-f7a5478f5bee

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LAFS.6.SL.1.2	Interpret information presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how it contributes to a topic, text, or issue under study.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Extension: Rainbows and Ladders https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/bb25318c-cdc3-45b7-a889-39349bc363b8
LAFS.6.SL.1.2	Interpret information presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how it contributes to a topic, text, or issue under study.	Rational Numbers > Exploring the Number Line > Discover > Investigate > Investigation 1: Plotting and Comparing Numbers https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/9de606ea-5c63-468c-b126-e09f9865699f
LAFS.6.SL.1.3	Delineate a speaker’s argument and specific claims, distinguishing claims that are supported by reasons and evidence from claims that are not.	Rational Numbers > Explore the Number Line > Discover > Investigate > Investigation 2: Can you Have an Opposite of a Number > Interactive: Tray Matcher https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/6a5d1e10-9fc6-478a-9492-238a7ffde0b9
LAFS.6.SL.1.3	Delineate a speaker’s argument and specific claims, distinguishing claims that are supported by reasons and evidence from claims that are not.	Rational Number > Interpret and Use Absolute Value > Investigation 1: Absolute Value > Interactive: Skeleton Army Defense https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/59d8df9d-38de-4e74-b09d-429071151a1b

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LAFS.6.SL.1.3	Delineate a speaker’s argument and specific claims, distinguishing claims that are supported by reasons and evidence from claims that are not.	Coordinate Plane > Use Coordinate Geometry > Apply > Apply 1: How Can You Use a Coordinate Plane to Design a Garden? https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/6346D81F-198A-417D-9692-7AC587B933F2
LAFS.6.SL.2.4	Present claims and findings, sequencing ideas logically and using pertinent descriptions, facts, and details to accentuate main ideas or themes; use appropriate eye contact, adequate volume, and clear pronunciation.	Rational Numbers > Explore the Number Line > Discover > Investigate > Investigation 2: Can you Have an Opposite of a Number > Interactive: Tray Matcher https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/6a5d1e10-9fc6-478a-9492-238a7ffde0b9
LAFS.6.SL.2.4	Present claims and findings, sequencing ideas logically and using pertinent descriptions, facts, and details to accentuate main ideas or themes; use appropriate eye contact, adequate volume, and clear pronunciation.	Rational Number > Interpret and Use Absolute Value > Investiation 1: Absolute Value > Interactive: Skeleton Army Defense https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/59d8df9d-38de-4e74-b09d-429071151a1b
LAFS.6.SL.2.4	Present claims and findings, sequencing ideas logically and using pertinent descriptions, facts, and details to accentuate main ideas or themes; use appropriate eye contact, adequate volume, and clear pronunciation.	Coordinate Plane > Use Coordinate Geometry > Apply > Apply 1:How Can You Use a Coorinate Plane to Design a Garden? https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/6346D81F-198A-417D-9692-7AC587B933F2

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LAFS.68.RST.1.3	Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Extension: Rainbows and Ladders https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/bb25318c-cdc3-45b7-a889-39349bc363b8
LAFS.68.RST.1.3	Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.	Coordinate Plane > Use Coordinate Geometry > Apply > Apply 1:How Can You Use a Coordinate Plane to Design a Garden? https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/6346D81F-198A-417D-9692-7AC587B933F2
LAFS.68.RST.1.3	Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.	Unit Rates and Percents > Understand Percents > Apply > Apply 2: What Does the Survey Say https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/62e1e239-d1b5-4663-9410-65499286efd0/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/ECEB1A51-9D40-414F-AC15-F56FCB322B21
LAFS.68.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics.	Rational Numbers > Explore the Number Line > Discover > Investigate > Investigation 1: Plotting and Comparing Numbers https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/9de606ea-5c63-468c-b126-e09f9865699f

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LAFS.68.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics.	Coordinate Plane > Use Coordinate Geometry > Apply > Apply 1:How Can You Use a Coorinate Plane to Design a Garden? https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/6346D81F-198A-417D-9692-7AC587B933F2
LAFS.68.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics.	Unit Rates and Percents > Understand Percents > Apply > Apply 2: What Does the Survey Say https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/62e1e239-d1b5-4663-9410-65499286efd0/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/ECEB1A51-9D40-414F-AC15-F56FCB322B21
LAFS.68.RST.3.7	Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Investigation 3: Factor Trees https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/0a8154c6-f6c1-4e7e-a4a8-f7a5478f5bee
LAFS.68.RST.3.7	Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Extension: Rainbows and Ladders https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/bb25318c-cdc3-45b7-a889-39349bc363b8

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LAFS.68.RST.3.7	Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).	Coordinate Plane > Use Coordinate Geometry > Apply > Apply 2: How Far Is a Walk Around Manhattan? > Hands-on Activity: Manhattan Map https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/a234db1e-7ac7-43f7-80ee-fb39966a16cc
LAFS.68.WHST.1.1.a	a. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically.	Unit Rates and Percents > Understand Percents > Apply > Apply 2: What Does the Survey Say https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/62e1e239-d1b5-4663-9410-65499286efd0/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/eceb1a51-9d40-414f-ac15-f56fcb322b21
LAFS.68.WHST.1.1.a	a. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically.	Data Distributions > Collect and Represent Data > Apply > Apply 2: What is the Typical Age of an Athlete in Your Favorite Olympic Sport? https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/482c11d6-f74f-4161-8d61-9e53672e556d/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/777f20b5-749f-4acf-a462-9212b22cad7e
LAFS.68.WHST.1.1.a	a. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically.	Data Distributions > Describe and Compare Data > Apply > Apply 1: Which Paper Airplane Design Will Fly the Farthest? https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/61793120-83bd-4d15-bb23-959afdd1807e/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/8F34F2C1-13BD-44EF-9F6A-8EC8E0CE17F1

BENCHMARK CODE	BENCHMARK	LESSONS WHERE STANDARD/BENCHMARK IS DIRECTLY ADDRESSED IN MAJOR TOOL (MOST IN-DEPTH COVERAGE LISTED FIRST) (Include the student edition and teacher edition with the page numbers of lesson, a link to lesson, or other identifier for easy lookup by reviewers.)
LAFS.68.WHST.1.1.b	b. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources.	Rational Numbers > Interpret and Use Absolute Value > Apply > Apply 1: How Do Heights and Depths Compare https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/6E53233F-CF4D-4695-BBB7-FB3B5E704309
LAFS.68.WHST.1.1.b	b. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources.	Coordinate Plane > Use Coordinate Geometry > Apply > Apply 2: How Far Is a Walk Around Manhattan? > Hands-on Activity: Manhattan Map https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/a234db1e-7ac7-43f7-80ee-fb39966a16cc
LAFS.68.WHST.1.1.b	b. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources.	Unit Rates and Percents > Understand Percents > Apply > Apply 2: What Does the Survey Say? https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/62e1e239-d1b5-4663-9410-65499286efd0/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/eceb1a51-9d40-414f-ac15-f56fcb322b21
LAFS.68.WHST.1.1.c	c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Investigation 5: Sharing Candy Bars https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/db326188-e310-49f9-86d0-d70fdc19be29

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LAFS.68.WHST.1.1.c	c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence.	Rational Numbers > Interpret and Use Absolute Value > Apply > Apply 1: How Do Heights and Depths Compare https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/6E53233F-CF4D-4695-BBB7-FB3B5E704309
LAFS.68.WHST.1.1.c	c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence.	Coordinate Plane > Use Coordinate Geometry > Apply > Apply 2: How Far Is a Walk Around Manhattan? > Hands-on Activity: Manhattan Map https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/a234db1e-7ac7-43f7-80ee-fb39966a16cc
LAFS.68.WHST.1.1.d	d. Establish and maintain a formal style.	Unit Rates and Percents > Understand Percents > Apply > Apply 2: What Does the Survey Say https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/62e1e239-d1b5-4663-9410-65499286efd0/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/ECEB1A51-9D40-414F-AC15-F56FCB322B21
LAFS.68.WHST.1.1.d	d. Establish and maintain a formal style.	Data Distributions > Collect and Represent Data > Apply > Apply 2: What is the Typical Age of an Athlete in Your Favorite Olympic Sport? https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/482c11d6-f74f-4161-8d61-9e53672e556d/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/777f20b5-749f-4acf-a462-9212b22cad7e

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LAFS.68.WHST.1.1.d	d. Establish and maintain a formal style.	Rational Numbers > Explore the Number Line > Apply > Apply 2: How Can You Use Negative and Positive Numbes to Express Opinions? https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/c62d2276-059a-40c6-8a74-1ac5a50e4a20
LAFS.68.WHST.1.1.e	e. Provide a concluding statement or section that follows from and supports the argument presented.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Investigation 4: Writing Expressions Using the GCF https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1246cfcf-b365-49b1-891f-c461929cea43
LAFS.68.WHST.1.1.e	e. Provide a concluding statement or section that follows from and supports the argument presented.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Investigation 5: Sharing Candy Bars https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/db326188-e310-49f9-86d0-d70fdc19be29
LAFS.68.WHST.1.1.e	e. Provide a concluding statement or section that follows from and supports the argument presented.	Rational Numbers > Interpret and Use Absolute Value > Apply > Apply 1: How Do Heights and Depths Compare https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/6e53233f-cf4d-4695-bbb7-fb3b5e704309

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LAFS.68.WHST.2.4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Rational Numbers > Interpret and Use Absolute Value > Apply > Apply 1: How Do Heights and Depths Compare https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/6e53233f-cf4d-4695-bbb7-fb3b5e704309
LAFS.68.WHST.2.4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Coordinate Plane > Use Coordinate Geometry > Apply > Apply 2: How Far Is a Walk Around Manhattan? > Hands-on Activity: Manhattan Map https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/a234db1e-7ac7-43f7-80ee-fb39966a16cc
LAFS.68.WHST.2.4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	Unit Rates and Percents > Understand Percents > Apply > Apply 2: What Does the Survey Say https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/62e1e239-d1b5-4663-9410-65499286efd0/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/eceb1a51-9d40-414f-ac15-f56fcb322b21
MAFS.6.EE.1.1	Write and evaluate numerical expressions involving whole-number exponents.	Algebraic Expressions > Evaluate Expressions > Discover > Engage > Simplify https://app.discoveryeducation.com/learn/techbook/units/77E2D7B0-FC42-49AE-B6C0-880314D545BD/concepts/6A34B597-26E2-4801-85D0-DDB90B781CC3
MAFS.6.EE.1.1	Write and evaluate numerical expressions involving whole-number exponents.	Algebraic Expressions > Evaluate Expressions > Discover > Engage > Exponent Expression https://app.discoveryeducation.com/learn/techbook/units/77E2D7B0-FC42-49AE-B6C0-880314D545BD/concepts/6A34B597-26E2-4801-85D0-DDB90B781CC3

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MAFS.6.EE.1.1	Write and evaluate numerical expressions involving whole-number exponents.	Algebraic Expressions > Evaluate Expressions > Discover > Investigate > Investigation 2:Evaluating an Expression https://app.discoveryeducation.com/learn/techbook/units/77e2d7b0-fc42-49ae-b6c0-880314d545bd/concepts/6a34b597-26e2-4801-85d0-ddb90b781cc3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/ce102d39-b712-4e1c-aaae-5ba5648e73c1
MAFS.6.EE.1.2.a	Write expressions that record operations with numbers and with letters standing for numbers.	Algebraic Expressions > Use and Analyze Expressions > Discover > Investigate > Investigation 2: Algebraic Expressions, Written Expressions, and Real World Situations > Check for Understanding https://app.discoveryeducation.com/learn/player/d4cbf780-90cd-454c-a64f-3d1c27b50863
MAFS.6.EE.1.2.a	Write expressions that record operations with numbers and with letters standing for numbers.	Algebraic Expressions > Use and Analyze Expressions > Discover > Investigate > Investigation 2: Algebraic Expressions, Written Expressions, and Real World Situations > Hands-On Activity: Two Steps Forward https://app.discoveryeducation.com/learn/player/390b85f4-f2f3-4dbc-a624-e98091a5e3d4
MAFS.6.EE.1.2.a	Write expressions that record operations with numbers and with letters standing for numbers.	Algebraic Expressions > Use and Analyze Expressions > Discover > Investigate > Investigation 2: Algebraic Expressions, Written Expressions, and Real World Situations https://app.discoveryeducation.com/learn/techbook/units/77e2d7b0-fc42-49ae-b6c0-880314d545bd/concepts/50e4e6f0-5392-4e2e-b2f4-7c4df3f8a577/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/438067e0-c92f-4da7-b4e1-71a5bf5f9acd

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MAFS.6.EE.1.2.b	Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.	Algebraic Expressions > Use and Analyze Expressions > Discover > Investigate > Investigation 1: Language of Expressions > Understand Terms https://app.discoveryeducation.com/learn/techbook/units/77e2d7b0-fc42-49ae-b6c0-880314d545bd/concepts/50e4e6f0-5392-4e2e-b2f4-7c4df3f8a577/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/2b0a873d-c266-4455-b5cf-16524cdd617e
MAFS.6.EE.1.2.b	Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.	Algebraic Expressions > Use and Analyze Expressions > Discover > Investigate > Investigation 1: Language of Expressions > Check for Understanding https://app.discoveryeducation.com/learn/player/2d13f2d2-67d9-4280-adcc-765f28d5cd4e
MAFS.6.EE.1.2.b	Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.	Algebraic Expressions > Use and Analyze Expressions > Discover > Investigate > Investigation 2: Algebraic Expressions, Written Expressions, and Real World Situations https://app.discoveryeducation.com/learn/techbook/units/77e2d7b0-fc42-49ae-b6c0-880314d545bd/concepts/50e4e6f0-5392-4e2e-b2f4-7c4df3f8a577/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/438067e0-c92f-4da7-b4e1-71a5bf5f9acd
MAFS.6.EE.1.2.c	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).	Algebraic Expressions > Evaluate Expressions > Discover > Engage > Reviewing Order of Operations https://app.discoveryeducation.com/learn/techbook/units/77E2D7B0-FC42-49AE-B6C0-880314D545BD/concepts/6A34B597-26E2-4801-85D0-DDB90B781CC3

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MAFS.6.EE.1.2.c	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).	Algebraic Expressions > Evaluate Expressions > Discover > Investigate > Investigation 1: Evaluating Expressions > Check for Understanding https://app.discoveryeducation.com/learn/player/ed7a6831-8c34-40e1-b51c-d697eca25fa9
MAFS.6.EE.1.2.c	Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).	Algebraic Expressions > Evaluate Expressions > Discover > Investigate > Investigation 3: Express Yourself https://app.discoveryeducation.com/learn/techbook/units/77e2d7b0-fc42-49ae-b6c0-880314d545bd/concepts/6a34b597-26e2-4801-85d0-ddb90b781cc3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/5386bbbed-0e46-40fe-9c5f-09d55784ce21
MAFS.6.EE.1.3	Apply the properties of operations to generate equivalent expressions.	Algebraic Expressions > Ceate Equivalent Expressions > Discover > Engage > Hands-On Activity: Keep it Level https://app.discoveryeducation.com/learn/player/31324a22-43da-4580-ac3d-5698badedfcf
MAFS.6.EE.1.3	Apply the properties of operations to generate equivalent expressions.	Algebraic Expressions > Create Equivalent Expressions > Discover > Engage > Evaluate for Equivalency 1, 2, and 3 https://app.discoveryeducation.com/learn/techbook/units/77E2D7B0-FC42-49AE-B6C0-880314D545BD/concepts/BAA494E1-FBC0-414B-89DD-017BBD422163

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MAFS.6.EE.1.3	Apply the properties of operations to generate equivalent expressions.	Algebraic Expressions > Create Equivalent Expressions > Discover > Investigate > Investigation 2: Using the Distributive Property to Identify Equivalent Expressions https://app.discoveryeducation.com/learn/techbook/units/77e2d7b0-fc42-49ae-b6c0-880314d545bd/concepts/baa494e1-fbc0-414b-89dd-017bbd422163/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/d5c0585b-b459-4e05-8223-c9453750d833
MAFS.6.EE.1.4	Identify when two expressions are equivalent (i.e., when the two expressions name the same number regardless of which value is substituted into them).	Algebraic Expressions > Create Equivalent Expressions > Discover > Investigate > Investigation 1: Using Properties to Identify Equivalent Expressions > Check for Understanding https://app.discoveryeducation.com/learn/player/59984287-9e19-47a7-9743-dd7f77d624be
MAFS.6.EE.1.4	Identify when two expressions are equivalent (i.e., when the two expressions name the same number regardless of which value is substituted into them).	Algebraic Expressions > Create Equivalent Expressions > Discover > Engage > Evaluate for Equivalency 1, 2, and 3 https://app.discoveryeducation.com/learn/techbook/units/77E2D7B0-FC42-49AE-B6C0-880314D545BD/concepts/BAA494E1-FBC0-414B-89DD-017BBD422163
MAFS.6.EE.1.4	Identify when two expressions are equivalent (i.e., when the two expressions name the same number regardless of which value is substituted into them).	Algebraic Expressions > Create Equivalent Expressions > Practice > Coach https://app.discoveryeducation.com/core:assessment/coach?practice=616c174-b263-443e-a738-07b48e5b08d6&conceptGuid=baa494e1-fbc0-414b-89dd-017bbd422163&courseGuid=ed2d9e11-7d58-48e7-aa4d-ac8911f3741a&unitGuid=77e2d7b0-fc42-49ae-b6c0-880314d545bd&teacherMode=true
MAFS.6.EE.2.5	Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.	Equations and Inequalities > Write and Solve Equations > Discover > Engage > Exploring Equations https://app.discoveryeducation.com/learn/techbook/units/DEA478B5-68E0-4A21-8B79-DBC767346BC/concepts/0061E306-8AD5-48B1-804D-51EB54AD707E

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MAFS.6.EE.2.5	Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 1: Using a Pan Balance to Solve Equations > Interactive: Solve Equations using Pan Balance https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/0061e306-8ad5-48b1-804d-51eb54ad707e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/7f2b9184-207b-4eb1-9378-51ddfa25ef95
MAFS.6.EE.2.5	Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.	Equations and Inequalities > Write and Solve Inequalities > Discover > Investigate > Investigation 1: Exploring Inequalities on a Number Line > Interactive: Representing Inequalities on a Number Line https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/315b90dd-be9e-4d5a-91c9-dbd316a390f3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/54dfa674-5270-4c46-b1ba-24b903fc66ce
MAFS.6.EE.2.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.	Equations and Inequalities > Write and Solve Equations > Discover > Engage > Exploring Equations > Water per Minute https://app.discoveryeducation.com/learn/techbook/units/DEA478B5-68E0-4A21-8B79-DBC767346BC/concepts/0061E306-8AD5-48B1-804D-51EB54AD707E
MAFS.6.EE.2.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 2: Exploring Equations > Exploring Equations https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/0061e306-8ad5-48b1-804d-51eb54ad707e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/fa867464-fcf0-40c8-af6c-66315ccfaaa4

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MAFS.6.EE.2.6	Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 2: Exploring Equations > Check for Understanding https://app.discoveryeducation.com/learn/player/7ee3702a-1648-4192-bbee-f9a2cc8b2000
MAFS.6.EE.2.7	Solve real-world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p , q and x are all non-negative rational numbers.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 3: Choosing a Method > Solve Real World Problems https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/0061e306-8ad5-48b1-804d-51eb54ad707e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/d60aba2e-b994-480c-9abd-e0a158e64e15
MAFS.6.EE.2.7	Solve real-world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p , q and x are all non-negative rational numbers.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 2: Exploring Equations > Find a Solution https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/0061e306-8ad5-48b1-804d-51eb54ad707e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/fa867464-fcf0-40c8-af6c-66315ccfaaa4
MAFS.6.EE.2.7	Solve real-world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p , q and x are all non-negative rational numbers.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 3: Choosing a Method > Check for Understanding https://app.discoveryeducation.com/learn/player/4e016574-1abf-4621-918a-ed334f7c5302

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MAFS.6.EE.2.8	Write an inequality of the form $x > c$ or $x < c$ to represent a constraint or condition in a real-world or mathematical problem. Recognize that inequalities of the form $x > c$ or $x < c$ have infinitely many solutions; represent solutions of such inequalities on number line diagrams.	Equations and Inequalities > Write and Solve Inequalities > Discover > Investigate > Investigation 1: Exploring Inequalities on a Number Line https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/315b90dd-be9e-4d5a-91c9-dbd316a390f3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/54dfa674-5270-4c46-b1ba-24b903fc66ce
MAFS.6.EE.2.8	Write an inequality of the form $x > c$ or $x < c$ to represent a constraint or condition in a real-world or mathematical problem. Recognize that inequalities of the form $x > c$ or $x < c$ have infinitely many solutions; represent solutions of such inequalities on number line diagrams.	Equations and Inequalities > Write and Solve Inequalities > Discover > Investigate > Investigation 1: Exploring Inequalities on a Number Line > Check for Understanding https://app.discoveryeducation.com/learn/player/c798d6a8-28af-4f06-8e78-820f3e4054f9
MAFS.6.EE.2.8	Write an inequality of the form $x > c$ or $x < c$ to represent a constraint or condition in a real-world or mathematical problem. Recognize that inequalities of the form $x > c$ or $x < c$ have infinitely many solutions; represent solutions of such inequalities on number line diagrams.	Equations and Inequalities > Write and Solve Inequalities > Discover > Investigate > Investigation 2: Writing Inequalities > Activity:A Perfect Match https://app.discoveryeducation.com/learn/player/4d87c42f-a43e-483b-a996-f64955cdec8
MAFS.6.EE.3.9	Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation.	Dependent and Independent Variables > Explore Relationships Between Two Variables > Discover > Investigate > Investigation 1: Dependent or Independent Variables https://app.discoveryeducation.com/learn/techbook/units/4a0c6f6d-be10-4948-bd11-009eeadfb3ce/concepts/98951f36-c965-4f54-92e0-87028c2c213c/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3fa58ee4-c989-4652-bc40-4c272a159d1e

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MAFS.6.EE.3.9	Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation.	Dependent and Independent Variables > Explore Relationships Between Two Variables > Discover > Investigate > Investigation 1: Dependent or Independent Variables > Check for Understanding https://app.discoveryeducation.com/learn/player/d753029b-1abe-48e6-9f64-8678e6ed0094
MAFS.6.EE.3.9	Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation.	Dependent and Independent Variables > Explore Relationships Between Two Variables > Discover > Investigate > Investigation 2: Writing Equations https://app.discoveryeducation.com/learn/techbook/units/4a0c6f6d-be10-4948-bd11-009eeadfb3ce/concepts/98951f36-c965-4f54-92e0-87028c2c213c/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/660e8e46-0512-45a4-9396-d84c495abe7e
MAFS.6.G.1.1	Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.	Areas of Polygons > Find Areas of Parallelograms and Triangles > Discover > Engage > Composing and Decomposing Shapes > Hands-On Activity: Exploring Relationships https://app.discoveryeducation.com/learn/player/f7dd5d20-915d-4c50-b8a0-57ffd5c0718d
MAFS.6.G.1.1	Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.	Areas of Polygons > Find Areas of Parallelograms and Triangles > Discover > Investigate > Investigation 1: Parallelograms https://app.discoveryeducation.com/learn/techbook/units/306189f3-ef5c-46c1-80f4-fbaeac54bf2a/concepts/8e484864-3f2f-4349-acb4-b905463f63e6/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/f9285a8c-0b0d-444a-bf33-b18d9502cd76

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MAFS.6.G.1.1	Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.	Areas of Polygons > Find Areas of Parallelograms and Triangles > Discover > Investigate > Investigation 2: Right Triangles https://app.discoveryeducation.com/learn/techbook/units/306189f3-ef5c-46c1-80f4-fbaeac54bf2a/concepts/8e484864-3f2f-4349-acb4-b905463f63e6/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/2f02aef4-98d6-4502-b3d6-ce5a74c00335
MAFS.6.G.1.2	Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = l w h$ and $V = B h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.	Surface Area and Volume > Calculate Volume > Discover > Engage > Exploring Volume > Hands-On Activity: Explore Volume https://app.discoveryeducation.com/learn/player/46975d9c-6380-4143-a4d5-776d7a57f9cb
MAFS.6.G.1.2	Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = l w h$ and $V = B h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.	Surface Area and Volume > Calculate Volume > Exploration 1: Finding Volume > Hands-On Activity: Finding Volume https://app.discoveryeducation.com/learn/player/1ee5e1e4-133f-490b-9274-10671bdc40db
MAFS.6.G.1.2	Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = l w h$ and $V = B h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.	Surface Area and Volume > Calculate Volume > Discover > Investigate > Investigation 1: Finding Volume > Check for Understanding https://app.discoveryeducation.com/learn/player/93a087c9-11fa-4a0e-938a-cac30ae5c0d8

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MAFS.6.G.1.3	Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.	Coordinate Plane > Use Coordinate Geometry > Discover > Investigate > Investigation 1: Fundraising > Check for Understanding https://app.discoveryeducation.com/learn/player/97e240b3-54be-4ac9-abc8-3fdedd2204f7
MAFS.6.G.1.3	Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.	Coordinate Plane > Use Coordinate Geometry > Discover > Investigate > Investigation 2: Coordinate Geometry https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/dac5a0ad-d0e7-4c96-9d8b-333c640776ab
MAFS.6.G.1.3	Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.	Coordinate Plane > Use Coordinate Geometry > Discover > Investigate > Investigation 2: Coordinate Geometry > Check for Understanding https://app.discoveryeducation.com/learn/player/6808d58a-701a-459f-97dc-5804f94d324d
MAFS.6.G.1.4	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.	Surface Area and Volume > Use Nets to Find Surface Area > Discover > Engage > Decomposition of a Box > Hands-On Activity: Decomposing a Box https://app.discoveryeducation.com/learn/player/b36b84dc-f5b1-4ad0-9533-b2406554370e
MAFS.6.G.1.4	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.	Surface Area and Volume > Use Nets to Find Surface Area > Discover > Investigate > Investigation 1: Making Nets > Hands-On Activity: Making Nets https://app.discoveryeducation.com/learn/player/3c848f89-c1f4-45df-900f-e92fe6af69f8

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MAFS.6.G.1.4	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.	Surface Area and Volume > Use Nets to Find Surface Area > Discover > Investigate > Investigation 3: Surface Area of Triangular Prisms and Square Pyramids https://app.discoveryeducation.com/learn/techbook/units/f007cec1-1965-4fbb-8698-cf37d4477d2d/concepts/74823832-2a13-4a34-b0b6-e75af78a3dd4/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/c1cd5646-9f47-488c-b329-76fc4b28d3c4
MAFS.6.NS.1.1	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	Operations with Fractions and Decimals > Divide Fractions > Discover > Investigate > Investigation 1: Modeling with Paper Folding https://app.discoveryeducation.com/learn/techbook/units/1ca24b87-657c-4e9a-a23d-0009f817232c/concepts/c39cdee4-50be-4d82-b6ed-8fc5aa91c528/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/289e0ebd-e215-406c-97e6-8a5549eb01c4
MAFS.6.NS.1.1	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	Operations with Fractions and Decimals > Divide Fractions > Discover > Investigate > Investigation 2: Modeling with Tape Diagrams https://app.discoveryeducation.com/learn/techbook/units/1ca24b87-657c-4e9a-a23d-0009f817232c/concepts/c39cdee4-50be-4d82-b6ed-8fc5aa91c528/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/22487d00-9d8b-472f-afbe-9f6b0fcef82
MAFS.6.NS.1.1	Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.	Operations with Fractions and Decimals > Divide Fractions > Discover > Investigate > Investigation 2: Modeling with Tape Diagrams > Check for Understanding https://app.discoveryeducation.com/learn/player/af2f95a9-27f2-4684-8dc3-4012991a0180

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MAFS.6.NS.2.2	Fluently divide multi-digit numbers using the standard algorithm.	Division, Factors, and Multiples > Use Standard Algorithm for Division > Discover > Investigate > Investigation 1: Exploring Division https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/a90f8516-a7e9-46a8-9fbc-7121b32174fd/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/ed6ca0af-cb2f-4738-98db-e54bdfc16bc3
MAFS.6.NS.2.2	Fluently divide multi-digit numbers using the standard algorithm.	Division, Factors, and Multiples > Use Standard Algorithm for Division > Practice > Coach https://app.discoveryeducation.com/core:assessment/coach?practice=5d437f23-456b-4d2d-881a-f58b251721fd&conceptGuid=a90f8516-a7e9-46a8-9fbc-7121b32174fd&courseGuid=ed2d9e11-7d58-48e7-aa4d-ac8911f3741a&unitGuid=c91447f9-474d-4e4e-8e5a-0647225bec51&teacherMode=true
MAFS.6.NS.2.2	Fluently divide multi-digit numbers using the standard algorithm.	Division, Factors, and Multiples > Use Standard Algorithm for Division > Discover > Investigate > Investigation 2: To Divide or Not to Divide? > Check for Understanding https://app.discoveryeducation.com/learn/player/0aef0b94-6de8-4803-8b11-cdbc142358c6
MAFS.6.NS.2.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	Operations with Fractions and Decimals > Perform Operations with Decimals > Discover > Investigate > Investigation 1: Decimal Multiplication https://app.discoveryeducation.com/learn/techbook/units/1ca24b87-657c-4e9a-a23d-0009f817232c/concepts/d017a50e-d4df-49c9-81f1-c329cbcb8ceb/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/158e3f46-683b-4fa7-b1d2-b9e17cb19f80

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MAFS.6.NS.2.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	Operations with Fractions and Decimals > Perform Operations with Decimals > Discover > Investigate > Investigation 2: How Much Money? https://app.discoveryeducation.com/learn/techbook/units/1ca24b87-657c-4e9a-a23d-0009f817232c/concepts/d017a50e-d4df-49c9-81f1-c329cbcb8ceb/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/7269b14d-feef-4767-be21-b3fe9e9b28e9
MAFS.6.NS.2.3	Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	Operations with Fractions and Decimals > Perform Operations with Decimals > Discover > Investigate > Investigation 3: More Decimal Work https://app.discoveryeducation.com/learn/techbook/units/1ca24b87-657c-4e9a-a23d-0009f817232c/concepts/d017a50e-d4df-49c9-81f1-c329cbcb8ceb/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3938c790-1c72-4a95-8132-c246274d170d
MAFS.6.NS.2.4	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1-100 with a common factor as a multiple of a sum of two whole numbers with no common factor.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Investigation 1: Zombie Luau > Interactive > Zombie Luau https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/f8926da3-97db-4741-9f5b-2fb59483e478
MAFS.6.NS.2.4	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1-100 with a common factor as a multiple of a sum of two whole numbers with no common factor.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Investigation 1: Zombie Luau > Check for Understanding https://app.discoveryeducation.com/learn/player/ad03f59c-509f-44e2-9870-9879c48da271

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MAFS.6.NS.2.4	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1-100 with a common factor as a multiple of a sum of two whole numbers with no common factor.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Investigation 2: Picnic Prep https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/63da079a-0903-4bd8-aa74-ad48e348143a
MAFS.6.NS.3.5	Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.	Rational Numbers > Explore the Number Line > Discover > Investigate > Investigation 1: Plotting and Comparing Numbers https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/9de606ea-5c63-468c-b126-e09f9865699f
MAFS.6.NS.3.5	Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 3: Number Line Chooser > Partner Discussion https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/efe54bfd-890a-4076-a4ad-d2c2e342701f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/90242d7a-6f1b-4a0f-9035-b3626363afed
MAFS.6.NS.3.5	Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.	Rational Numbers > Explore the Number Line > Discover > Investigate > Investigation 2: Can you Have an Opposite of a Number > Interactive: Tray Matcher https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/6a5d1e10-9fc6-478a-9492-238a7ffde0b9

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MAFS.6.NS.3.6.a	Recognize opposite signs of numbers as indicating locations on opposite sides of 0 on the number line; recognize that the opposite of the opposite of a number is the number itself, e.g., $-(-3) = 3$, and that 0 is its own opposite.	Rational Numbers > Explore the Number Line > Discover > Investigate > Investigation 2: Can you Have an Opposite of a Number > Check for Understanding https://app.discoveryeducation.com/learn/player/b47b8bfa-2c8a-4b05-ba02-1b96a67b7fc1
MAFS.6.NS.3.6.a	Recognize opposite signs of numbers as indicating locations on opposite sides of 0 on the number line; recognize that the opposite of the opposite of a number is the number itself, e.g., $-(-3) = 3$, and that 0 is its own opposite.	Rational Numbers > Explore the Number Line > Discover > Investigate > Investigation 2: Can you Have an Opposite of a Number > Interactive: Tray Matcher https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/6a5d1e10-9fc6-478a-9492-238a7ffde0b9
MAFS.6.NS.3.6.a	Recognize opposite signs of numbers as indicating locations on opposite sides of 0 on the number line; recognize that the opposite of the opposite of a number is the number itself, e.g., $-(-3) = 3$, and that 0 is its own opposite.	Rational Numbers > Explore the Number Line > Discover > Investigate > Investigation 1: Plotting and Comparing Numbers https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/9de606ea-5c63-468c-b126-e09f9865699f
MAFS.6.NS.3.6.b	Understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane; recognize that when two ordered pairs differ only by signs, the locations of the points are related by reflections across one or both axes.	Coordinate Plane > Understand the Coordinate Plane > Discover > Engage > Interactive: Archaeological Dig 1 https://app.discoveryeducation.com/learn/techbook/units/E282E9F4-A51E-4AED-B3CB-97CD445FAB05/concepts/367165F1-E3A1-4768-B94F-A8B8654FF8E2

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MAFS.6.NS.3.6.b	Understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane; recognize that when two ordered pairs differ only by signs, the locations of the points are related by reflections across one or both axes.	Coordinate Plane > Understand the Coordinate Plane > Discover > Investigate > Investigation 1: Scavenger Hunt > Interactive: Archaeological Dig 2 https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/367165f1-e3a1-4768-b94f-a8b8654ff8e2/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/a6dcea2b-6c3f-4378-af14-9d2ed9c7f0b3
MAFS.6.NS.3.6.c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.	Coordinate Plane > Understand the Coordinate Plane > Discover > Investigate > Investigation 1: Scavenger Hunt > Check for Understanding https://app.discoveryeducation.com/learn/player/6e181337-0c9d-4258-9fa0-980a04a7bf37
MAFS.6.NS.3.6.c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 3: Number Line Chooser https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/efe54bfd-890a-4076-a4ad-d2c2e342701f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/90242d7a-6f1b-4a0f-9035-b3626363afed
MAFS.6.NS.3.6.c	Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.	Rational Numbers > Explore the Number Line > Discover > Investigate > Investigation 1: Plotting and Comparing Numbers https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/9de606ea-5c63-468c-b126-e09f9865699f

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MAFS.6.NS.3.7.a	Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 2: Comparing Rational Numbers > Hands-On Activity: Comparing Rational Numbers https://app.discoveryeducation.com/learn/player/4289a0b1-a3e7-4dc9-a5ff-ead301b17af4
MAFS.6.NS.3.7.a	Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 2: Comparing Rational Numbers > Check for Understanding https://app.discoveryeducation.com/learn/player/fe59c8c8-1b28-4fdc-82da-648bc66e5cf9
MAFS.6.NS.3.7.a	Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 3: Number Line Chooser https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/efe54bfd-890a-4076-a4ad-d2c2e342701f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/90242d7a-6f1b-4a0f-9035-b3626363afed
MAFS.6.NS.3.7.b	Write, interpret, and explain statements of order for rational numbers in real-world contexts.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 2: Comparing Rational Numbers > Hands-On Activity: Comparing Rational Numbers https://app.discoveryeducation.com/learn/player/4289a0b1-a3e7-4dc9-a5ff-ead301b17af4
MAFS.6.NS.3.7.b	Write, interpret, and explain statements of order for rational numbers in real-world contexts.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 2: Comparing Rational Numbers > Check for Understanding https://app.discoveryeducation.com/learn/player/fe59c8c8-1b28-4fdc-82da-648bc66e5cf9

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MAFS.6.NS.3.7.b	Write, interpret, and explain statements of order for rational numbers in real-world contexts.	Rational Numbers > Investigate Rational Numbers > Discover > Investigate > Investigation 3: Number Line Chooser https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/efe54bfd-890a-4076-a4ad-d2c2e342701f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/90242d7a-6f1b-4a0f-9035-b3626363afed
MAFS.6.NS.3.7.c	Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.	Rational Number > Interpret and Use Absolute Value > Discover > Investigate > Investigation 1: Absolute Value > Interactive: Skeleton Army Defense https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/59d8df9d-38de-4e74-b09d-429071151a1b
MAFS.6.NS.3.7.c	Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.	Rational Numbers > Interpret and Use Absolute Value > Discover > Investigate > Investigation 1: Absolute Value > Check for Understanding https://app.discoveryeducation.com/learn/player/f2fa7b4d-df00-469d-9294-593f35e6b586
MAFS.6.NS.3.7.c	Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.	Rational Numbers > Interpret and Use Absolute Value > Discover > Investigate > Investigation 2: Comparing Absolute Value https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/239aa9c9-2124-4a12-ad1a-ac27e9210b11

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MAFS.6.NS.3.7.d	Distinguish comparisons of absolute value from statements about order.	Rational Numbers > Interpret and Use Absolute Value > Practice > Coach https://app.discoveryeducation.com/core:assessment/coach?practice=97573960-db76-409e-be42-d365992c17f9&conceptGuid=cdc0466b-407c-4dd3-b012-19f23a61aa5d&courseGuid=ed2d9e11-7d58-48e7-aa4d-ac8911f3741a&unitGuid=cb52f885-60f3-4184-b100-f9c117af15eb&teacherMode=true
MAFS.6.NS.3.7.d	Distinguish comparisons of absolute value from statements about order.	Rational Numbers > Interpret and Use Absolute Value > Discover > Investigate > Investigation 2: Comparing Absolute Value https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/cdc0466b-407c-4dd3-b012-19f23a61aa5d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/239aa9c9-2124-4a12-ad1a-ac27e9210b11
MAFS.6.NS.3.7.d	Distinguish comparisons of absolute value from statements about order.	Rational Numbers > Interpret and Use Absolute Value > Discover > Investigate > Investigation 2: Comparing Absolute Value > Check for Understanding https://app.discoveryeducation.com/learn/player/7a0a85f8-d245-4e38-a805-17216b69925a
MAFS.6.NS.3.8	Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.	Coordinate Plane > Use Coordinate Geometry > Discover > Engage > Party Time https://app.discoveryeducation.com/learn/techbook/units/E282E9F4-A51E-4AED-B3CB-97CD445FAB05/concepts/6D3F784B-F9F5-48D3-BDF7-331ED4947104
MAFS.6.NS.3.8	Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.	Coordinate Plane > Use Coordinate Geometry > Discover > Investigate > Investigation 3: Perimeter and Area https://app.discoveryeducation.com/learn/techbook/units/e282e9f4-a51e-4aed-b3cb-97cd445fab05/concepts/6d3f784b-f9f5-48d3-bdf7-331ed4947104/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/28232721-7e69-44c9-b94f-66b9fce63a39

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MAFS.6.NS.3.8	Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.	Coordinate Plane > Use Coordinate Geometry > Practice > Coach https://app.discoveryeducation.com/core:assessment/coach?practice=1122b440-d657-49b4-87b4-463dad81455a&conceptGuid=6d3f784b-f9f5-48d3-bdf7-331ed4947104&courseGuid=ed2d9e11-7d58-48e7-aa4d-ac8911f3741a&unitGuid=e282e9f4-a51e-4aed-b3cb-97cd445fab05&teacherMode=true
MAFS.6.RP.1.1	Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.	Ratios > Understand Ratios > Discover > Investigate > Investigation 1: Making Comparisons https://app.discoveryeducation.com/learn/techbook/units/cf4dfc05-d333-494c-80a6-aa99069394f9/concepts/e9d8b5cc-a13a-4334-96e1-495024f8e79d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/e8e96444-2b01-412f-bd5d-4b1e300c3b68
MAFS.6.RP.1.1	Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.	Ratios > Understand Ratios > Discover > Investigate > Investigation 2: Representing Ratios https://app.discoveryeducation.com/learn/techbook/units/cf4dfc05-d333-494c-80a6-aa99069394f9/concepts/e9d8b5cc-a13a-4334-96e1-495024f8e79d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/d21ac900-cdb1-469e-bf94-712d1c026506
MAFS.6.RP.1.1	Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.	Ratios > Understand Ratios > Discover > Investigate > Investigation 2: Representing Ratios > Check for Understanding https://app.discoveryeducation.com/learn/player/5131c9ae-9e7e-45eb-92fb-3169f9afed86

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MAFS.6.RP.1.2	Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship.	Unit Rates and Percents > Convert Measurements with Ratios > Discover > Investigate > Investigation 1: Measuring in Egypt https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/239465a9-9e59-4430-8f2e-5b3f0743e36b/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/e637e6d2-ad10-4b62-8b65-7587ef518b21
MAFS.6.RP.1.2	Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship.	Unit Rates and Percents > Convert Measurements with Ratios > Discover > Investigate > Investigation 3: Complex Conversions https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/239465a9-9e59-4430-8f2e-5b3f0743e36b/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/4ff21dbc-e11c-485f-9d20-f33ac9c40240
MAFS.6.RP.1.2	Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship.	Unit Rates and Percents > Understand Unit Rates > Discover > Investigate > Investigation 1: Finding Unit Rates https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/e2edeb11-6bf5-428a-b63f-edecdef50a54/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/54d51e09-596f-4fdf-a195-f977e6dc232a
MAFS.6.RP.1.3.a	Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	Unit Rates and Percents > Understand Unit Rates > Practice > Coach https://app.discoveryeducation.com/core:assessment/coach?practice=884fac7a-879f-4ac4-b342-8f4a40aeec6f&conceptGuid=e2edeb11-6bf5-428a-b63f-edecdef50a54&courseGuid=ed2d9e11-7d58-48e7-aa4d-ac8911f3741a&unitGuid=8f2886dd-37be-4aea-bb51-8e00a5da9aea&teacherMode=true

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MAFS.6.RP.1.3.a	Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	Ratios > Create Equivalent Ratios > Discover > Investigate > Investigation 4: Comparing Ratios > Interactive: Paint Mixer https://app.discoveryeducation.com/learn/techbook/units/cf4dfc05-d333-494c-80a6-aa99069394f9/concepts/d22fb93c-d67c-4f94-b05f-3f1f43818580/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/7eb866dc-eab1-4fa7-b537-31bd0f6454e1
MAFS.6.RP.1.3.a	Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	Ratios > Understand Ratios > Discover > Investigate > Investigation 2: Representing Ratios https://app.discoveryeducation.com/learn/techbook/units/cf4dfc05-d333-494c-80a6-aa99069394f9/concepts/e9d8b5cc-a13a-4334-96e1-495024f8e79d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/d21ac900-cdb1-469e-bf94-712d1c026506
MAFS.6.RP.1.3.b	Solve unit rate problems including those involving unit pricing and constant speed.	Unit Rates and Percents > Understand Unit Rates > Discover > Investigate > Investigation 3: Comparing Unit Rates https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/e2edeb11-6bf5-428a-b63f-edecdef50a54/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/a34ad7ea-ba37-4ec9-809f-8ed96c5ec4e7
MAFS.6.RP.1.3.b	Solve unit rate problems including those involving unit pricing and constant speed.	Unit Rates and Percents > Understand Unit Rates > Discover > Investigate > Investigation 2: Using Unit Rates https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/e2edeb11-6bf5-428a-b63f-edecdef50a54/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/dfb27fb1-81eb-453d-9403-ffd67abf5ac1

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MAFS.6.RP.1.3.b	Solve unit rate problems including those involving unit pricing and constant speed.	Unit Rates and Percents > Understand Unit Rates > Practice > Coach https://app.discoveryeducation.com/core:assessment/coach?practice=884fac7a-879f-4ac4-b342-8f4a40aeec6f&conceptGuid=e2edeb11-6bf5-428a-b63f-edecdef50a54&courseGuid=ed2d9e11-7d58-48e7-aa4d-ac8911f3741a&unitGuid=8f2886dd-37be-4aea-bb51-8e00a5da9aea&teacherMode=true
MAFS.6.RP.1.3.c	Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.	Unit Rates and Percents > Understand Percents > Discover > Investigate > Investigation 1: Fractions, Decimals, and Percents https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/62e1e239-d1b5-4663-9410-65499286efd0/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3ba27939-c4cf-4b85-8585-ef707c9e2d71
MAFS.6.RP.1.3.c	Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.	Unit Rates and Percents > Understand Percents > Discover > Investigate > Investigation 2: Part, Whole, or Percent https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/62e1e239-d1b5-4663-9410-65499286efd0/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/dc1ec07c-6466-4624-9d71-ab96ce4270b2
MAFS.6.RP.1.3.c	Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.	Unit Rates and Percents > Understand Percents > Discover > Investigate > Investigation 3: Finding the Part https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/62e1e239-d1b5-4663-9410-65499286efd0/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/7fd0dfbf-3bce-41d0-8644-41963cc9957b

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MAFS.6.RP.1.3.d	Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.	Unit Rates and Percents > Convert Measurements with Ratios > Discover > Investigate > Investigation 1: Measuring in Egypt https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/239465a9-9e59-4430-8f2e-5b3f0743e36b/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/e637e6d2-ad10-4b62-8b65-7587ef518b21
MAFS.6.RP.1.3.d	Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.	Unit Rates and Percents > Convert Measurements with Ratios > Discover > Investigate > Investigation 2: Currency Conversion https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/239465a9-9e59-4430-8f2e-5b3f0743e36b/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/faa5826f-79b6-42b5-bb23-3cac2787b32b
MAFS.6.RP.1.3.d	Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.	Unit Rates and Percents > Convert Measurements with Ratios > Discover > Investigate > Investigation 3: Complex Conversions https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/239465a9-9e59-4430-8f2e-5b3f0743e36b/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/4ff21dbc-e11c-485f-9d20-f33ac9c40240
MAFS.6.RP.1.3.e	Understand the concept of Pi as the ratio of the circumference of a circle to its diameter.	Ratios > Understand Ratios > Discover > Investigate > Investigation 3: Ratios in Circles https://app.discoveryeducation.com/learn/techbook/units/cf4dfc05-d333-494c-80a6-aa99069394f9/concepts/e9d8b5cc-a13a-4334-96e1-495024f8e79d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/afd361ec-e13a-4c46-b501-f35d8cd09547

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MAFS.6.RP.1.3.e	Understand the concept of Pi as the ratio of the circumference of a circle to its diameter.	Ratios > Understand Ratios > Discover > Investigate > Investigation 3: Ratios in Circles > Check for Understanding https://app.discoveryeducation.com/learn/player/ee1abbc3-019d-4d18-8358-ee799d8fd70a
MAFS.6.SP.1.1	Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers.	Data Distributions > Collect and Represent Data > Discover > Investigate > Investigation 1: Make a Time Capsule https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/482c11d6-f74f-4161-8d61-9e53672e556d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/c71ba343-3562-40fc-867b-cbc15ee3da85
MAFS.6.SP.1.1	Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers.	Data Distributions > Collect and Represent Data > Discover > Investigate > Investigation 1: Make a Time Capsule > Check for Understanding https://app.discoveryeducation.com/learn/player/b241364c-65bf-41ba-ae16-3244085d7645
MAFS.6.SP.1.1	Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers.	Data Distributions > Collect and Represent Data > Apply > Apply 2: What is the Typical Age of an Athlete in Your Favorite Olympic Sport? https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/482c11d6-f74f-4161-8d61-9e53672e556d/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/777F20B5-749F-4ACF-A462-9212B22CAD7E
MAFS.6.SP.1.2	Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.	Data Distributions > Describe and Compare Data > Discover > Investigate > Investigation 1: Histogram Shapes https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/61793120-83bd-4d15-bb23-959afdd1807e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1d3b44a9-1ea0-47b1-a938-20087b7abe3d

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MAFS.6.SP.1.2	Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.	Data Distributions > Describe and Compare Data > Discover > Investigate > Investigation 2: Shapes of Box Plots https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/61793120-83bd-4d15-bb23-959afdd1807e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/db335574-6e2c-4779-a8bb-06fff0c8de56
MAFS.6.SP.1.2	Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.	Data Distributions > Describe and Compare Data > Discover > Investigate > Investigation 3: Which Kind of Graph is Best? https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/61793120-83bd-4d15-bb23-959afdd1807e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/db335574-6e2c-4779-a8bb-06fff0c8de56
MAFS.6.SP.1.3	Recognize that a measure of center for a numerical data set summarizes all of its values with a single number, while a measure of variation describes how its values vary with a single number.	Measures of Center and Variation > Find and Interpret Mean and Median > Discover > Engage > Hands-On Activity: Balance Point https://app.discoveryeducation.com/learn/player/3e2f95bf-56d5-4904-acf8-db720d1dbe3d
MAFS.6.SP.1.3	Recognize that a measure of center for a numerical data set summarizes all of its values with a single number, while a measure of variation describes how its values vary with a single number.	Measures of Center and Variation > Find and Interpret Mean and Median > Discover > Investigate > Investigation 1: Mean as Balance Point and Fair Share https://app.discoveryeducation.com/learn/techbook/units/5a20ea42-9878-493c-acbc-65bfa46c5a4e/concepts/06d5cea7-60e3-4806-af60-b05293aefaeb/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/64ed18f3-627b-46ae-8e89-7c1d88d34058

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MAFS.6.SP.1.3	Recognize that a measure of center for a numerical data set summarizes all of its values with a single number, while a measure of variation describes how its values vary with a single number.	Measures of Center and Variation > Find and Interpret Spread > Discover > Investigate > Investigation 2: Exploring Mean Absolute Deviation https://app.discoveryeducation.com/learn/techbook/units/5a20ea42-9878-493c-acbc-65bfa46c5a4e/concepts/0e4595a3-524e-474c-8e8b-dd030f49f3f8/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/680a22f1-1dff-4d58-aa29-4ca910772df9
MAFS.6.SP.2.4	Display numerical data in plots on a number line, including dot plots, histograms, and box plots.	Data Distributions > Describe and Compare Data > Discover > Investigate > Investigation 1: Histogram Shapes https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/61793120-83bd-4d15-bb23-959afdd1807e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1d3b44a9-1ea0-47b1-a938-20087b7abe3d
MAFS.6.SP.2.4	Display numerical data in plots on a number line, including dot plots, histograms, and box plots.	Data Distributions > Describe and Compare Data > Discover > Investigate > Investigation 2: Shapes of Box Plots https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/61793120-83bd-4d15-bb23-959afdd1807e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/db335574-6e2c-4779-a8bb-06fff0c8de56
MAFS.6.SP.2.4	Display numerical data in plots on a number line, including dot plots, histograms, and box plots.	Data Distributions > Describe and Compare Data > Discover > Investigate > Investigation 3: Which Kind of Graph is Best? https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/61793120-83bd-4d15-bb23-959afdd1807e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/b0d48bd7-05b3-4c94-91f5-7f8ae7752d61

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MAFS.6.SP.2.5.a	Reporting the number of observations.	Data Distributions > Collect and Represent Data > Discover > Investigate > Investigation 1: Make a Time Capsule https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/482c11d6-f74f-4161-8d61-9e53672e556d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/c71ba343-3562-40fc-867b-cbc15ee3da85
MAFS.6.SP.2.5.a	Reporting the number of observations.	Data Distributions > Collect and Represent Data > Discover > Investigate > Investigation 2: Graphing Numerical Statistical Data https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/482c11d6-f74f-4161-8d61-9e53672e556d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/0554e17a-be37-446b-afe6-d98dcd425f26
MAFS.6.SP.2.5.a	Reporting the number of observations.	Data Distributions > Describe and Compare Data > Discover > Investigate > Investigation 2: Shapes of Box Plots https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/61793120-83bd-4d15-bb23-959afdd1807e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/db335574-6e2c-4779-a8bb-06fff0c8de56
MAFS.6.SP.2.5.b	Describing the nature of the attribute under investigation, including how it was measured and its units of measurement.	Data Distributions > Collect and Represent Data > Discover > Investigate > Investigation 1: Make a Time Capsule https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/482c11d6-f74f-4161-8d61-9e53672e556d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/c71ba343-3562-40fc-867b-cbc15ee3da85

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MAFS.6.SP.2.5.b	Describing the nature of the attribute under investigation, including how it was measured and its units of measurement.	Data Distributions > Describe and Compare Data > Discover > Investigate > Investigation 1: Histogram Shapes https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/61793120-83bd-4d15-bb23-959afdd1807e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1d3b44a9-1ea0-47b1-a938-20087b7abe3d
MAFS.6.SP.2.5.b	Describing the nature of the attribute under investigation, including how it was measured and its units of measurement.	Data Distributions > Collect and Represent Data > Discover > Investigate > Investigation 2: Graphing Numerical Statistical Data https://app.discoveryeducation.com/learn/techbook/units/691f31be-4f91-4e1a-beb1-b63e79f2f4b9/concepts/482c11d6-f74f-4161-8d61-9e53672e556d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/0554e17a-be37-446b-afe6-d98dcd425f26
MAFS.6.SP.2.5.c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.	Measures of Center and Variation > Find and Interpret Mean and Median > Discover > Investigate > Investigation 1: Mean as Balance Point and Fair Share https://app.discoveryeducation.com/learn/techbook/units/5a20ea42-9878-493c-acbc-65bfa46c5a4e/concepts/06d5cea7-60e3-4806-af60-b05293aefaeb/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/64ed18f3-627b-46ae-8e89-7c1d88d34058
MAFS.6.SP.2.5.c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.	Measures of Center and Variation > Find and Interpret Spread > Discover > Investigate > Investigation 1: Exploring Interquartile Range https://app.discoveryeducation.com/learn/techbook/units/5a20ea42-9878-493c-acbc-65bfa46c5a4e/concepts/0e4595a3-524e-474c-8e8b-dd030f49f3f8/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/e2f8a231-e0c5-4a4f-a6cb-88e3bea6c5df

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MAFS.6.SP.2.5.c	Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.	Measures of Center and Variation > Find and Interpret Mean and Median > Discover > Investigate > Investigation 2: Doubting the Data https://app.discoveryeducation.com/learn/techbook/units/5a20ea42-9878-493c-acbc-65bfa46c5a4e/concepts/06d5cea7-60e3-4806-af60-b05293aefaeb/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3089f87b-abc3-47fd-89dc-a1b3230da523
MAFS.6.SP.2.5.d	Relating the choice of measures of center and variability to the shape of the data distribution and the context in which the data were gathered.	Measures of Center and Variation > Find and Interpret Mean and Median > Discover > Investigate > Investigation 2: Doubting the Data https://app.discoveryeducation.com/learn/techbook/units/5a20ea42-9878-493c-acbc-65bfa46c5a4e/concepts/06d5cea7-60e3-4806-af60-b05293aefaeb/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3089f87b-abc3-47fd-89dc-a1b3230da523
MAFS.6.SP.2.5.d	Relating the choice of measures of center and variability to the shape of the data distribution and the context in which the data were gathered.	Measures of Center and Variation > Find and Interpret Mean and Median > Practice > Coach https://app.discoveryeducation.com/core:assessment/coach?practice=74893dd1-de6b-41aa-9223-7f2325fc5de4&conceptGuid=06d5cea7-60e3-4806-af60-b05293aefaeb&courseGuid=ed2d9e11-7d58-48e7-aa4d-ac8911f3741a&unitGuid=5a20ea42-9878-493c-acbc-65bfa46c5a4e&teacherMode=true
MAFS.6.SP.2.5.d	Relating the choice of measures of center and variability to the shape of the data distribution and the context in which the data were gathered.	Measures of Center and Variation > Find and Interpret Spread > Discover > Investigate > Investigation 3: What Measure Should You Use? https://app.discoveryeducation.com/learn/techbook/units/5a20ea42-9878-493c-acbc-65bfa46c5a4e/concepts/0e4595a3-524e-474c-8e8b-dd030f49f3f8/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/cd61900f-91d9-474c-b389-fafe68f6f999

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MAFS.7.EE.1.1	Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.	Equivalent Expressions > Analyze Algebraic Expressions > Discover > Investigate > Investigation 2: Evaluating Algebraic Expressions > Hands-On Activity: Chicken Dippers https://app.discoveryeducation.com/learn/player/996cec5b-1f88-4272-b337-56406a5f7c6d
MAFS.7.EE.1.1	Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.	Equivalent Expressions > Analyze Algebraic Expressions > Discover > Investigate > Investigation 2: Evaluating Algebraic Expressions > Check for Understanding https://app.discoveryeducation.com/learn/player/db816dbc-01d4-49a9-9518-7cab990be3b1
MAFS.7.EE.1.1	Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.	Equivalent Expressions > Analyze Algebraic Expressions > Practice > Coach https://app.discoveryeducation.com/core:assessment/coach?practice=8d238177-d33b-48b4-a49c-1a46e2426349&conceptGuid=7e82d58f-8ff2-4b73-a1bd-2d8ef70b626f&courseGuid=724c539b-ecff-4729-8f7a-d53a5bc71043&unitGuid=a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe&teacherMode=true
MAFS.7.EE.1.2	Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related.	Equations and Inequalities > Solve Algebraic Inequalities > Discover > Engage > Going Up? https://app.discoveryeducation.com/learn/techbook/units/8EAFFCA7-E683-45B2-B2EC-1F0A6391CFE2/concepts/FED583A1-B78B-42BB-BB11-3A7A7A650783
MAFS.7.EE.1.2	Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related.	Equivalent Expressions > Combine Algebraic Expressions > Discover > Investigate > Investigation 1: Expanding Expressions https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/c54efd2e-3957-425b-85ce-32fb7534a010/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/22efe930-8f2e-4afa-b648-2c7d46e8c4e1

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MAFS.7.EE.1.2	Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related.	Equivalent Expressions > Combine Algebraic Expressions > Discover > Investigate > Investigation 2: Factoring Expressions https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/c54efd2e-3957-425b-85ce-32fb7534a010/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/36d4c361-e02e-466a-9460-38b1a28c5b0a
MAFS.7.NS.1.1.a	Describe situations in which opposite quantities combine to make 0.	Signed Numbers > Investigate Signed Numbers > Discover > Investigate > Investigation 1: From a Different Perspective https://app.discoveryeducation.com/learn/techbook/units/fcdf03ff-9fef-4d43-b8ee-65c33dda8fc6/concepts/db2b45d2-1663-4daa-b465-70a4aa843298/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/64ae32a1-9776-4fe8-8065-8645e3ec4dcb
MAFS.7.NS.1.1.a	Describe situations in which opposite quantities combine to make 0.	Signed Numbers > Investigate Signed Numbers > Discover > Investigate > Investigation 1: From a Different Perspective > Check for Understanding https://app.discoveryeducation.com/learn/player/da3b6426-39a3-4965-b6cc-845011090ee9
MAFS.7.NS.1.1.a	Describe situations in which opposite quantities combine to make 0.	Signed Numbers > Add and Subtract Signed Numbers > Discover > Investigate > Investigation 1: Which Way Do You Go? https://app.discoveryeducation.com/learn/techbook/units/fcdf03ff-9fef-4d43-b8ee-65c33dda8fc6/concepts/552e4c6e-a0b3-4d7d-8553-e4640f5362f6/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/b96c7400-c5e0-4d0c-a507-fdc7586718ab

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MAFS.7.NS.1.1.b	Understand $p + q$ as the number located a distance $ q $ from p , in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts.	Signed Numbers > Add and Subtract Signed Numbers > Discover > Investigate > Investigation 1: Which Way Do You Go? https://app.discoveryeducation.com/learn/techbook/units/fcdf03ff-9fef-4d43-b8ee-65c33dda8fc6/concepts/552e4c6e-a0b3-4d7d-8553-e4640f5362f6/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/b96c7400-c5e0-4d0c-a507-fdc7586718ab
MAFS.7.NS.1.1.b	Understand $p + q$ as the number located a distance $ q $ from p , in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts.	Signed Numbers > Add and Subtract Signed Numbers > Discover > Investigate > Investigation 1: Which Way Do You Go? > Check for Understanding https://app.discoveryeducation.com/learn/player/bad45a85-0f8a-4890-af83-0825884bb160
MAFS.7.NS.1.1.b	Understand $p + q$ as the number located a distance $ q $ from p , in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts.	Signed Numbers > Add and Subtract Signed Numbers > Discover > Investigate > Investigation 1: Which Way Do You Go? > Hands On Activity https://app.discoveryeducation.com/learn/player/9cc33f52-6d76-4a22-be90-b71ad752c201
MAFS.7.NS.1.1.c	Understand subtraction of rational numbers as adding the additive inverse, $p - q = p + (-q)$. Show that the distance between two rational numbers on the number line is the absolute value of their difference, and apply this principle in real-world contexts.	Signed Numbers > Add and Subtract Signed Numbers > Discover > Investigate > Investigation 1: Which Way Do You Go? > Check for Understanding https://app.discoveryeducation.com/learn/player/bad45a85-0f8a-4890-af83-0825884bb160

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MAFS.7.NS.1.1.c	Understand subtraction of rational numbers as adding the additive inverse, $p - q = p + (-q)$. Show that the distance between two rational numbers on the number line is the absolute value of their difference, and apply this principle in real-world contexts.	Signed Numbers > Investigate Signed Numbers > Discover > Investigate > Investigation 2: Finding Your Way Home https://app.discoveryeducation.com/learn/techbook/units/fcdf03ff-9fef-4d43-b8ee-65c33dda8fc6/concepts/db2b45d2-1663-4daa-b465-70a4aa843298/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/76b7b361-09b9-4fad-9e53-5486c5be8efd
MAFS.7.NS.1.1.c	Understand subtraction of rational numbers as adding the additive inverse, $p - q = p + (-q)$. Show that the distance between two rational numbers on the number line is the absolute value of their difference, and apply this principle in real-world contexts.	Signed Numbers > Investigate Signed Numbers > Discover > Investigate > Investigation 3: Time Zonin' https://app.discoveryeducation.com/learn/techbook/units/fcdf03ff-9fef-4d43-b8ee-65c33dda8fc6/concepts/db2b45d2-1663-4daa-b465-70a4aa843298/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/afde8977-a837-409a-b7b8-9190becc4669
MAFS.7.NS.1.1.d	Apply properties of operations as strategies to add and subtract rational numbers.	The Rational Number System > Investigate Rational Numbers > Discover > Investigate > Investigation 2: Rational Numbers on a Number Line https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/f2df1481-54bb-41e8-afe6-4ddbffd1c7e4/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/e98cf57a-ecc3-432e-98db-059bc81e9f0d
MAFS.7.NS.1.1.d	Apply properties of operations as strategies to add and subtract rational numbers.	The Rational Number System > Investigate Rational Numbers > Discover > Investigate > Investigation 2: Rational Numbers on a Number Line > Check for Understanding https://app.discoveryeducation.com/learn/player/fa633179-6451-4056-8847-9c3d91f11e6c

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MAFS.7.NS.1.1.d	Apply properties of operations as strategies to add and subtract rational numbers.	The Rational Number System > Investigate Rational Numbers > Discover > Engage > Let's Be Rational https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/f2df1481-54bb-41e8-afe6-4ddbffd1c7e4/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/5d10335e-1f4a-4e1c-8ace-ef01808255fa
MAFS.7.NS.1.2.a	Understand that multiplication is extended from fractions to rational numbers by requiring that operations continue to satisfy the properties of operations, particularly the distributive property, leading to products such as $(-1)(-1) = 1$ and the rules for multiplying signed numbers. Interpret products of rational numbers by describing real-world contexts.	The Rational Number System > Use Rational Numbers > Discover > Investigate > Investigation 2: Sandwich Maker https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/9e2e5c6f-7ac3-4d41-9abf-7670d2749c26/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/581df85f-cf42-4256-86eb-1c9e5f755033
MAFS.7.NS.1.2.a	Understand that multiplication is extended from fractions to rational numbers by requiring that operations continue to satisfy the properties of operations, particularly the distributive property, leading to products such as $(-1)(-1) = 1$ and the rules for multiplying signed numbers. Interpret products of rational numbers by describing real-world contexts.	The Rational Number System > Use Rational Numbers > Discover > Investigate > Investigation 3: Humanitarian Aid https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/9e2e5c6f-7ac3-4d41-9abf-7670d2749c26/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1caaa089-4342-4c80-b561-e1ad82620ea5
MAFS.7.NS.1.2.a	Understand that multiplication is extended from fractions to rational numbers by requiring that operations continue to satisfy the properties of operations, particularly the distributive property, leading to products such as $(-1)(-1) = 1$ and the rules for multiplying signed numbers. Interpret products of rational numbers by describing real-world contexts.	The Rational Number System > Use Rational Numbers > Discover > Investigate > Investigation 4: She Shoots...and Scores! https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/9e2e5c6f-7ac3-4d41-9abf-7670d2749c26/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/46958f43-2e5a-4e44-aadf-6a64cd874866

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MAFS.7.NS.1.2.b	Understand that integers can be divided, provided that the divisor is not zero, and every quotient of integers (with non-zero divisor) is a rational number. If p and q are integers, then $-(p/q) = (-p)/q = p/(-q)$. Interpret quotients of rational numbers by describing real-world contexts.	The Rational Number System > Use Rational Numbers > Discover > Investigate > Investigation 1: Variations on Rational Division https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/9e2e5c6f-7ac3-4d41-9abf-7670d2749c26/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/a6b857db-ed61-4e1a-95a8-8b1079feaf77
MAFS.7.NS.1.2.b	Understand that integers can be divided, provided that the divisor is not zero, and every quotient of integers (with non-zero divisor) is a rational number. If p and q are integers, then $-(p/q) = (-p)/q = p/(-q)$. Interpret quotients of rational numbers by describing real-world contexts.	The Rational Number System > Multiply and Divide Rationals > Discover > Investigate > Investigation 1: Variations on Rational Division > Check for Understanding https://app.discoveryeducation.com/learn/player/d42f8dbc-d123-4ca5-a84f-5184de582a2f
MAFS.7.NS.1.2.b	Understand that integers can be divided, provided that the divisor is not zero, and every quotient of integers (with non-zero divisor) is a rational number. If p and q are integers, then $-(p/q) = (-p)/q = p/(-q)$. Interpret quotients of rational numbers by describing real-world contexts.	The Rational Number System > Multiply and Divide Rationals > Discover > Investigate > Investigation 4: She Shoots...and Scores! > Check for Understanding https://app.discoveryeducation.com/learn/player/96651a40-8290-4b51-ada0-2d5b5d4fa18c
MAFS.7.NS.1.2.c	Apply properties of operations as strategies to multiply and divide rational numbers.	Signed Numbers > Multiple and Divide Signed Numbers > Discover > Investigate > Investigation 1: Jump Forward, Flip Back https://app.discoveryeducation.com/learn/techbook/units/fcdf03ff-9fef-4d43-b8ee-65c33dda8fc6/concepts/24079ee3-4eb5-41d4-b49c-4f5aaac0ff9f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/65b9eaef-cb0c-49c3-9762-30616452f2ae
MAFS.7.NS.1.2.c	Apply properties of operations as strategies to multiply and divide rational numbers.	Signed Numbers > Multiple and Divide Signed Numbers > Discover > Investigate > Investigation 2: Prove It! https://app.discoveryeducation.com/learn/techbook/units/fcdf03ff-9fef-4d43-b8ee-65c33dda8fc6/concepts/24079ee3-4eb5-41d4-b49c-4f5aaac0ff9f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3f27ed66-92d2-4008-a28a-a2a27bb570c5

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MAFS.7.NS.1.2.c	Apply properties of operations as strategies to multiply and divide rational numbers.	Signed Numbers > Multiple and Divide Signed Numbers > Discover > Investigate > Investigation 3: The Distributive Property and Signed Numbers https://app.discoveryeducation.com/learn/techbook/units/fcdf03ff-9fef-4d43-b8ee-65c33dda8fc6/concepts/24079ee3-4eb5-41d4-b49c-4f5aaac0ff9f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/ab7b225b-a9a2-4e83-8f0e-eb13ca233522
MAFS.7.NS.1.2.d	Convert a rational number to a decimal using long division; know that the decimal form of a rational number terminates in 0s or eventually repeats.	The Rational Number System > Investigate Rational Numbers > Discover > Investigate > Investigation 2: Rational Numbers on a Number Line https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/f2df1481-54bb-41e8-afe6-4ddbffd1c7e4/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/e98cf57a-ecc3-432e-98db-059bc81e9f0d
MAFS.7.NS.1.2.d	Convert a rational number to a decimal using long division; know that the decimal form of a rational number terminates in 0s or eventually repeats.	The Rational Number System > Investigate Rational Numbers > Discover > Investigate > Investigation 3: Batting Numbers Around https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/f2df1481-54bb-41e8-afe6-4ddbffd1c7e4/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/f41241e6-ca76-4a63-ab5b-eea0f0f683da
MAFS.7.NS.1.2.d	Convert a rational number to a decimal using long division; know that the decimal form of a rational number terminates in 0s or eventually repeats.	The Rational Number System > Investigate Rational Numbers > Discover > Investigate > Investigation 4: It's Magic, or Is It? https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/f2df1481-54bb-41e8-afe6-4ddbffd1c7e4/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/982248fd-df47-4c6e-96a0-4cea9b113fb0

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MAFS.7.NS.1.3	Solve real-world and mathematical problems involving the four operations with rational numbers.	The Rational Number System > Investigate Rational Numbers > Discover > Investigate > Investigation 3: Batting Numbers Around https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/f2df1481-54bb-41e8-afe6-4ddbffd1c7e4/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/f41241e6-ca76-4a63-ab5b-eea0f0f683da
MAFS.7.NS.1.3	Solve real-world and mathematical problems involving the four operations with rational numbers.	The Rational Number System > Use Rational Numbers > Apply > Apply 1: What Will It Cost to Get to School? https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/9e2e5c6f-7ac3-4d41-9abf-7670d2749c26/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/c4ff53fb-1dbd-4a5c-8bb6-31375746b1ac
MAFS.7.NS.1.3	Solve real-world and mathematical problems involving the four operations with rational numbers.	The Rational Number System > Use Rational Numbers > Discover > Investigate > Investigation 2: Sandwich Maker https://app.discoveryeducation.com/learn/techbook/units/c88ab5f9-73eb-41ea-a352-1db876339b7f/concepts/9e2e5c6f-7ac3-4d41-9abf-7670d2749c26/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/581df85f-cf42-4256-86eb-1c9e5f755033
MAFS.7.RP.1.1	Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units.	Ratios and Proportions > Investigate Ratios and Rates > Discover > Engage > Ratios in Body Parts https://app.discoveryeducation.com/learn/techbook/units/BBE6398A-B4A7-43CE-A653-D849F49123AA/concepts/40A89961-E083-43A0-A491-3B9C91B95764

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MAFS.7.RP.1.1	Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units.	Ratios and Proportions > Investigate Ratios and Rates > Discover > Investigate > Investigation 1: Feed the Sasquatch https://app.discoveryeducation.com/learn/techbook/units/bbe6398a-b4a7-43ce-a653-d849f49123aa/concepts/40a89961-e083-43a0-a491-3b9c91b95764/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/6c9d1aab-fcf6-4da1-9b69-f61ffc31e456
MAFS.7.RP.1.1	Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units.	Ratios and Proportions > Investigate Ratios and Rates > Discover > Investigate > Investigation 2: Using Unit Rates to Solve Problems https://app.discoveryeducation.com/learn/techbook/units/bbe6398a-b4a7-43ce-a653-d849f49123aa/concepts/40a89961-e083-43a0-a491-3b9c91b95764/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/cee66eed-91b6-4c91-86da-ca76b81db539
MAFS.7.RP.1.2.a	Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.	Ratios and Proportions > Understand Proportions: Discover > Investigate > Investigation 1: Totem Pole Proportions > Check for Understanding https://app.discoveryeducation.com/learn/player/e0bc8871-d430-47b8-a54c-4f14727b41d9
MAFS.7.RP.1.2.a	Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.	Ratios and Proportions > Represent Proportions > Discover > Engage > Falling from a Height https://app.discoveryeducation.com/learn/techbook/units/BBE6398A-B4A7-43CE-A653-D849F49123AA/concepts/6B3F0F97-3400-439C-A250-FBDB231B1F3F
MAFS.7.RP.1.2.a	Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.	Ratios and Proportions > Represent Proportions > Discover > Investigate > Investigation 3: Making Predictions https://app.discoveryeducation.com/learn/techbook/units/bbe6398a-b4a7-43ce-a653-d849f49123aa/concepts/6b3f0f97-3400-439c-a250-fbdb231b1f3f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/635d3e96-6544-4f00-a67b-3b7cff9cc646

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MAFS.7.RP.1.2.b	Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.	Ratios and Proportions > Understand Proportions > Discover > Investigate > Investigation 1: Totem Pole Proportions https://app.discoveryeducation.com/learn/techbook/units/bbe6398a-b4a7-43ce-a653-d849f49123aa/concepts/8c35d166-a86d-45b0-8161-ba4eb42b6203/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/d4768ee8-9aa3-4b2d-90de-a629ad5e4c9a
MAFS.7.RP.1.2.b	Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.	Ratios and Proportions > Represent Proportions > Discover > Engage > Falling from a Height https://app.discoveryeducation.com/learn/techbook/units/BBE6398A-B4A7-43CE-A653-D849F49123AA/concepts/6B3F0F97-3400-439C-A250-FBDB231B1F3F
MAFS.7.RP.1.2.b	Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.	Ratios and Proportions > Represent Proportions > Discover > Investigate > Investigation 3: Making Predictions https://app.discoveryeducation.com/learn/techbook/units/bbe6398a-b4a7-43ce-a653-d849f49123aa/concepts/6b3f0f97-3400-439c-a250-fbdb231b1f3f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/635d3e96-6544-4f00-a67b-3b7cff9cc646
MAFS.7.RP.1.2.c	Represent proportional relationships by equations.	Ratios and Proportions > Represent Proportions > Discover > Investigate > Investigation 3: Making Predictions https://app.discoveryeducation.com/learn/techbook/units/bbe6398a-b4a7-43ce-a653-d849f49123aa/concepts/6b3f0f97-3400-439c-a250-fbdb231b1f3f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/635d3e96-6544-4f00-a67b-3b7cff9cc646

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MAFS.7.RP.1.2.c	Represent proportional relationships by equations.	Ratios and Proportions > Represent Proportions > Discover > Investigate > Investigation 2: Up, Up, and Away https://app.discoveryeducation.com/learn/techbook/units/bbe6398a-b4a7-43ce-a653-d849f49123aa/concepts/6b3f0f97-3400-439c-a250-fbdb231b1f3f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/119fa4dc-a07e-4117-954d-c91f2026b325
MAFS.7.RP.1.2.c	Represent proportional relationships by equations.	Proportional Reasoning and Scale > Solve Problems Using Proportions > Discover > Investigate > Investigation 3: Visual Perspective > Hands-On Activity: Linear Perspective in Action https://app.discoveryeducation.com/learn/player/e928c215-89c4-47f5-85c0-825651d36ede
MAFS.7.RP.1.2.d	Explain what a point (x, y) on the graph of a proportional relationship means in terms of the situation, with special attention to the points $(0, 0)$ and $(1, r)$ where r is the unit rate.	Ratios and Proportions > Represent Proportions > Discover > Engage > Falling from a Height https://app.discoveryeducation.com/learn/techbook/units/BBE6398A-B4A7-43CE-A653-D849F49123AA/concepts/6B3F0F97-3400-439C-A250-FBDB231B1F3F
MAFS.7.RP.1.2.d	Explain what a point (x, y) on the graph of a proportional relationship means in terms of the situation, with special attention to the points $(0, 0)$ and $(1, r)$ where r is the unit rate.	Ratios and Proportions > Represent Proportions > Discover > Investigate > Investigation 1: Proportional Relationships https://app.discoveryeducation.com/learn/techbook/units/bbe6398a-b4a7-43ce-a653-d849f49123aa/concepts/6b3f0f97-3400-439c-a250-fbdb231b1f3f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/5e4a8702-97d5-4108-801e-145fb37c2489
MAFS.7.RP.1.2.d	Explain what a point (x, y) on the graph of a proportional relationship means in terms of the situation, with special attention to the points $(0, 0)$ and $(1, r)$ where r is the unit rate.	Ratios and Proportions > Represent Proportions > Practice > Coach https://app.discoveryeducation.com/core:assessment/coach?practice=5e1e09ee-38d8-48e4-a2cf-e35a36e22d15&conceptGuid=6b3f0f97-3400-439c-a250-fbdb231b1f3f&courseGuid=724c539b-ecff-4729-8f7a-d53a5bc71043&unitGuid=bbe6398a-b4a7-43ce-a653-d849f49123aa&teacherMode=true

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MAFS.7.RP.1.3	Use proportional relationships to solve multistep ratio and percent problems.	Ratios and Proportions > Investigate Ratios and Rates > Discover > Investigate > Investigation 1: Feed the Sasquatch https://app.discoveryeducation.com/learn/techbook/units/bbe6398a-b4a7-43ce-a653-d849f49123aa/concepts/40a89961-e083-43a0-a491-3b9c91b95764/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/6c9d1aab-fcf6-4da1-9b69-f61ffc31e456
MAFS.7.RP.1.3	Use proportional relationships to solve multistep ratio and percent problems.	Proportional Reasoning and Scale > Design Scale Models > Discover > Investigate > Investigation 4: Model Makers https://app.discoveryeducation.com/learn/techbook/units/772bd3f8-33b2-4edc-b1c7-c4c4601927ab/concepts/d5bdd478-1203-4a6f-bbdb-ac76efa79b54/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/bde442e5-1c95-4b12-95b8-cafc5baa002d
MAFS.7.RP.1.3	Use proportional relationships to solve multistep ratio and percent problems.	Proportional Reasoning and Scale > Solve Problems Using Proportions > Discover > Investigate > Investigation 3: Visual Perspective: Hands-On Activity: Linear Perspective in Action https://app.discoveryeducation.com/learn/player/e928c215-89c4-47f5-85c0-825651d36ede
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Equations and Inequalities > Write and Solve Equations > Discover > Engage > Exploring Equations > Number of Gallons https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/0061e306-8ad5-48b1-804d-51eb54ad707e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/69d6231d-bd1d-481e-a419-1960e69b80ea

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MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Rational Numbers > Exploring the Number Line > Discover > Investigate > Investigation 1: Plotting and Comparing Numbers https://app.discoveryeducation.com/learn/techbook/units/cb52f885-60f3-4184-b100-f9c117af15eb/concepts/775f86f0-1c69-4305-ae2e-66a79918a16d/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/9de606ea-5c63-468c-b126-e09f9865699f
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Unit Rates and Percents > Understand Unit Rates > Discover > Investigate > Investigation 3: Comparing Unit Rates https://app.discoveryeducation.com/learn/techbook/units/8f2886dd-37be-4aea-bb51-8e00a5da9aea/concepts/e2edeb11-6bf5-428a-b63f-edecdef50a54/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/a34ad7ea-ba37-4ec9-809f-8ed96c5ec4e7
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Equations and Inequalities > Write and Solve Inequalities > Investigation 1: Exploring Inequalities on a Number Line https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/315b90dd-be9e-4d5a-91c9-dbd316a390f3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/54dfa674-5270-4c46-b1ba-24b903fc66ce
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 1: Using a Pan Balance to Solve Equations https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/0061e306-8ad5-48b1-804d-51eb54ad707e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/7f2b9184-207b-4eb1-9378-51ddfa25ef95

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MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Algebraic Expressions > Use and Analyze Expressions > Discover > Engage > Out of this World https://app.discoveryeducation.com/learn/techbook/units/77E2D7B0-FC42-49AE-B6C0-880314D545BD/concepts/50E4E6F0-5392-4E2E-B2F4-7C4DF3F8A577
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Equations and Inequalities > Write and Solve Inequalities > Discover > Investigate > Extension: Inequalities in Alaska https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/315b90dd-be9e-4d5a-91c9-dbd316a390f3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/8afa1161-6a17-4617-89e9-d1ac15f0d6c1
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Division, Factors, and Multiples > Use Standard Algorithm for Division > Discover > Investigate > Investigation 2: To Divide or Not to Divide? https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/a90f8516-a7e9-46a8-9fbc-7121b32174fd/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/cb963a0c-97e7-4efb-9ad2-f038f9ce18e4
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Division, Factors, and Multiples > Solve Problems with GCF and LCM > Discover > Investigate > Investigation 3: Factor Trees https://app.discoveryeducation.com/learn/techbook/units/c91447f9-474d-4e4e-8e5a-0647225bec51/concepts/c07e0b3a-0505-49e9-aa1e-f1f166f743e3/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/0a8154c6-f6c1-4e7e-a4a8-f7a5478f5bee

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MAFS.K12.MP.4.1	Model with mathematics.	Dependent and Independent Variables > Explore Relationships Between Two Variables > Discover > Investigate > Investigation 2: Writing Equations https://app.discoveryeducation.com/learn/techbook/units/4a0c6f6d-be10-4948-bd11-009eeadfb3ce/concepts/98951f36-c965-4f54-92e0-87028c2c213c/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/660e8e46-0512-45a4-9396-d84c495abe7e
MAFS.K12.MP.4.1	Model with mathematics.	Dependent and Independent Variables > Explore Relationships Between Two Variables > Discover > Investigate > Investigation 2: What's the Rule https://app.discoveryeducation.com/learn/techbook/units/4a0c6f6d-be10-4948-bd11-009eeadfb3ce/concepts/98951f36-c965-4f54-92e0-87028c2c213c/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/d0794f9c-2266-4f98-b996-48d7fc0860b0
MAFS.K12.MP.4.1	Model with mathematics.	Ratios > Understand Ratios > Discover > Engage > Comparing Quantities https://app.discoveryeducation.com/learn/techbook/units/CF4DFC05-D333-494C-80A6-AA99069394F9/concepts/E9D8B5CC-A13A-4334-96E1-495024F8E79D
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Surface Area and Volume > Calculate Volume > Exploring Volume > Engage > Hands-On Activity: Explore Volume https://app.discoveryeducation.com/learn/player/46975d9c-6380-4143-a4d5-776d7a57f9cb
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Surface Area and Volume > Calculate Volume > Discover > Investigate > Investigation 1: Finding Volume > Hands-On Activity: Finding Volume https://app.discoveryeducation.com/learn/player/1ee5e1e4-133f-490b-9274-10671bdc40db

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MAFS.K12.MP.5.1	Use appropriate tools strategically.	Coordinate Plane > Use Coordinate Geometry > Discover > Engage > Party Time https://app.discoveryeducation.com/learn/techbook/units/E282E9F4-A51E-4AED-B3CB-97CD445FAB05/concepts/6D3F784B-F9F5-48D3-BDF7-331ED4947104
MAFS.K12.MP.6.1	Attend to precision.	Dependent and Independent Variables > Explore Relationships Between Two Variables > Discover > Investigate > Investigation 1 > Dependent or Independent Variables https://app.discoveryeducation.com/learn/techbook/units/4a0c6f6d-be10-4948-bd11-009eeadfb3ce/concepts/98951f36-c965-4f54-92e0-87028c2c213c/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3fa58ee4-c989-4652-bc40-4c272a159d1e
MAFS.K12.MP.6.1	Attend to precision.	Areas of Polygons > Find Areas of Parallelograms and Triangles > Discover > Investigate > Investigation 2: Right Triangles https://app.discoveryeducation.com/learn/techbook/units/306189f3-ef5c-46c1-80f4-fbaeac54bf2a/concepts/8e484864-3f2f-4349-acb4-b905463f63e6/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/2f02aef4-98d6-4502-b3d6-ce5a74c00335
MAFS.K12.MP.6.1	Attend to precision.	Surface Area and Volume > Use Nets to Find Surface Area > Discover > Engage > Decomposition of a Box > Hands-On Activity: Decomposing a Box https://app.discoveryeducation.com/learn/player/b36b84dc-f5b1-4ad0-9533-b2406554370e
MAFS.K12.MP.7.1	Look for and make use of structure.	Equations and Inequalities > Write and Solve Inequalities > Discover > Investigate > Investigation 2: Writing Inequalities > Activity:A Perfect Match https://app.discoveryeducation.com/learn/player/4d87c42f-a43e-483b-a996-f64955cdecb8

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MAFS.K12.MP.7.1	Look for and make use of structure.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 1: Using a Pan Balance to Solve Equations https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/0061e306-8ad5-48b1-804d-51eb54ad707e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/7f2b9184-207b-4eb1-9378-51ddfa25ef95
MAFS.K12.MP.7.1	Look for and make use of structure.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 2: Exploring Equations > Exploring Equations https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/0061e306-8ad5-48b1-804d-51eb54ad707e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/fa867464-fcf0-40c8-af6c-66315ccfaaa4
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Equations and Inequalities > Write and Solve Equations > Discover > Investigate > Investigation 3: Choosing a Method > Solve Real World Problems https://app.discoveryeducation.com/learn/techbook/units/dea478b5-68e0-4a21-8b79-dbc767346bc/concepts/0061e306-8ad5-48b1-804d-51eb54ad707e/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/d60aba2e-b994-480c-9abd-e0a158e64e15
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Algebraic Expressions > Use and Analyze Expressions > Discover > Engage > Out of this World https://app.discoveryeducation.com/learn/techbook/units/77E2D7B0-FC42-49AE-B6C0-880314D545BD/concepts/50E4E6F0-5392-4E2E-B2F4-7C4DF3F8A577

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MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Coordinate Plane > Use Coordinate Geometry > Discover > Engage > Party Time https://app.discoveryeducation.com/learn/techbook/units/E282E9F4-A51E-4AED-B3CB-97CD445FAB05/concepts/6D3F784B-F9F5-48D3-BDF7-331ED4947104