BID ID:	3675
SUBMISSION TITLE:	Discovery Education Math Techbook (Florida) - Grade 7
GRADE LEVEL:	7
COURSE TITLE:	M/J Mathematics 2
COURSE CODE:	1205040
ISBN:	978-1-68220-436-8 1-68220-436-7
PUBLISHER:	Discovery Education, Inc.
PUBLISHER ID:	36229805001

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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.	Angles, Triangles, and Polygons > Construct Triangles and Polygons > Discover > Engage > Hands-On Activity: Picture This! https://app.discoveryeducation.com/learn/player/480d609d-743e-40a9-8ea3-0b3ee5d1dbf9
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LAFS.68.RST.1.3	Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.	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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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.	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
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LAFS.68.WHST.1.1.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.	Angles, Triangles, and Polygons > Construct Triangles and Polygons > Discover > Engage > Hands-On Activity: Picture This! https://app.discoveryeducation.com/learn/player/480d609d-743e-40a9-8ea3-0b3ee5d1dbf9
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LAFS.68.WHST.1.1.d	Establish and maintain a formal style.	Populations and Samples > Explore Populations and Samples > Discover > Investigate > Investigation 4: Using Samples to Make Predictions https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1491f7c6-d9a5-45c7-958f-0bc722819349
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LAFS.7.SL.1.1.d	d. Acknowledge new information expressed by others and, when warranted, modify their own views.	Populations and Samples > Explore Populations and Samples > Discover > Investigate > Investigation 4: Using Samples to Make Predictions https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1491f7c6-d9a5-45c7-958f-0bc722819349
LAFS.7.SL.1.2	Analyze the main ideas and supporting details presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how the ideas clarify a topic, text, or issue under study.	Populations and Samples > Explores Populations and Samples > Apply > Apply 2: How Can You Estimate How Many Fish Are in a Lake? https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/11ddf8cb-c3f4-4deb-87ba-e697a5dee5a5
LAFS.7.SL.1.2	Analyze the main ideas and supporting details presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how the ideas clarify a topic, text, or issue under study.	Populations and Samples > Explores Populations and Samples > Apply > Apply 3: How Did Researchers Count the Gorilla Population in Congo? https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/a34af98f-ef4f-487d-b16c-4b73652cb7ec
LAFS.7.SL.1.2	Analyze the main ideas and supporting details presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how the ideas clarify a topic, text, or issue under study.	Populations and Samples > Compare Populations and Samples > Discover > Engage > Prepared to Win > Graphing Calculator Exploration https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/27b8ce5e-a67f-44a8-90bb-8fe47882aa97/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/f8f2b6c7-1ae5-4d27-8e13-603fa7ac1c28

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LAFS.7.SL.1.3	Delineate a speaker's argument and specific claims, evaluating the soundness of the reasoning and the relevance and sufficiency of the evidence.	Angles, Triangles, and Polygons > Construct Triangles and Polygons > Discover > Engage > Hands-On Activity: Picture This! https://app.discoveryeducation.com/learn/player/480d609d-743e-40a9-8ea3-0b3ee5d1dbf9
LAFS.7.SL.1.3	Delineate a speaker's argument and specific claims, evaluating the soundness of the reasoning and the relevance and sufficiency of the evidence.	Populations and Samples > Explores Populations and Samples > Apply > Apply 2: How Can You Estimate How Many Fish Are in a Lake? https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/11ddf8cb-c3f4-4deb-87ba-e697a5dee5a5
LAFS.7.SL.1.3	Delineate a speaker's argument and specific claims, evaluating the soundness of the reasoning and the relevance and sufficiency of the evidence.	Populations and Samples > Explores Populations and Samples > Apply > Apply 3: How Did Researchers Count the Gorilla Population in Congo? https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/a34af98f-ef4f-487d-b16c-4b73652cb7ec
LAFS.7.SL.2.4	Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation.	Angles, Triangles, and Polygons > Construct Triangles and Polygons > Discover > Investigate > Extension: Construct Right Triangles > Draw Your Own Right Triangles https://app.discoveryeducation.com/learn/techbook/units/4fcd8ed4-663c-47c8-a086-922bae8524e7/concepts/90aae01d-0f30-4db9-afe0-ab8c1cb57a85/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/792a681f-a660-471a-bc4c-aac113b6f19b

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LAFS.7.SL.2.4	Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation.	Populations and Samples > Explores Populations and Samples > Apply > Apply 1: How Can You Get the Survey Results You Want? https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/910C6BAE-ED3D-452A-B4DD-D57B8175FAFF
LAFS.7.SL.2.4	Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation.	Populations and Samples > Explores Populations and Samples > Apply > Apply 2: How Can You Estimate How Many Fish Are in a Lake? https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/11ddf8cb-c3f4-4deb-87ba-e697a5dee5a5
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

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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.	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
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.EE.2.3	Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies.	Equivalent Expressions > Analyze Algebraic Expressions > Discover > Investigate > Investigation 2: Evaluating Algebraic Expressions > Hands-On Activity: Chicken Dippers https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/7e82d58f-8ff2-4b73-a1bd-2d8ef70b626f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/8ef5ebff-f8b8-4d6e-9da6-31967fd80129

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MAFS.7.EE.2.3	Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies.	Equivalent Expressions > Combine Algebraic Expressions > Discover > Investigate > Investigation 2: Factoring Expressions > Interactive: Your First Loot Haul! 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.EE.2.3	Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies.	Equations and Inequalities > Solve Algebraic Inequalities > Discover > Investigate > Investigation 2: Solving Inequalities https://app.discoveryeducation.com/learn/techbook/units/8eaffca7-e683-45b2-b2ec-1f0a6391cfe2/concepts/fed583a1-b78b-42bb-bb11-3a7a7a650783/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/04dfad1d-d68f-43d1-9624-2e6db73faed0
MAFS.7.EE.2.4.a	Solve word problems leading to equations of the form px + q = r and p(x + q) = r, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.	Equations and Inequalities > Solve Algebraic Equations > Discover > Engage > Field Trips https://app.discoveryeducation.com/learn/techbook/units/8EAFFCA7-E683-45B2-B2EC-1F0A6391CFE2/concepts/07F850D8-8F51-4A80-9898-F2414120EA95
MAFS.7.EE.2.4.a	Solve word problems leading to equations of the form px + q = r and p(x + q) = r, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.	Equations and Inequalities > Solve Algebraic Equations > Discover > Investigate > Investigation 4: Into Thin Air https://app.discoveryeducation.com/learn/techbook/units/8eaffca7-e683-45b2-b2ec-1f0a6391cfe2/concepts/07f850d8-8f51-4a80-9898-f2414120ea95/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/a268ff25-2a8a-440d-9576-b9a7f3546c04

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MAFS.7.EE.2.4.a	Solve word problems leading to equations of the form px + q = r and p(x + q) = r, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.	Equations and Inequalities > Solve Algebraic Equations > Apply > Apply 1: Would You Save Money in the Long Run Buying Appliances That Are More Efficient? https://app.discoveryeducation.com/learn/techbook/units/8eaffca7-e683-45b2-b2ec-1f0a6391cfe2/concepts/07f850d8-8f51-4a80-9898-f2414120ea95/tabs/6dc41756-43ff-4f63-bd11-3148dd938983/pages/b8f652f0-fab4-4fc5-9d18-f8095ddd9b64
MAFS.7.EE.2.4.b	Solve word problems leading to inequalities of the form px + q > r or px + q < r, where p, q, and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.	Equations and Inequalities > Solve Algebraic Inequalities > Discover > Investigate > Investigation 1: Modeling Algebraic Inequalities https://app.discoveryeducation.com/learn/techbook/units/8eaffca7-e683-45b2-b2ec-1f0a6391cfe2/concepts/fed583a1-b78b-42bb-bb11-3a7a7a650783/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/446f1308-5d7a-4d7a-bfb6-2c5e44c59079
MAFS.7.EE.2.4.b	Solve word problems leading to inequalities of the form px + q > r or px + q < r, where p, q, and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.	Equations and Inequalities > Solve Algebraic Inequalities > Discover > Investigate > Investigation 1: Modeling Algebraic Inequalities > Check for Understanding https://app.discoveryeducation.com/learn/player/3d434863-12c9-4a18-9aa8-319520edf344
MAFS.7.EE.2.4.b	Solve word problems leading to inequalities of the form px + q > r or px + q < r, where p, q, and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.	Equations and Inequalities > Solve Algebraic Inequalities > Discover > Investigate > Investigation 3: Graphing Inequalities https://app.discoveryeducation.com/learn/techbook/units/8eaffca7-e683-45b2-b2ec-1f0a6391cfe2/concepts/fed583a1-b78b-42bb-bb11-3a7a7a650783/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/8980cefa-6b7b-4d45-83d6-d47bc8a3a1e0

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MAFS.7.G.1.1	Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.	Proportional Reasoning and Scale > Design Scale Models > Discover > Investigate > Investigation 1: Building to Scale 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/edb58816-f11c-4a12-84dc-d88a48463267
MAFS.7.G.1.1	Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.	Proportional Reasoning and Scale > Design Scale Models > Discover > Investigate > Investigation 2: Plan Your Vacation 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/d8bff43e-e8f8-4c82-8052-cd1506118dcc
MAFS.7.G.1.1	Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.	Proportional Reasoning and Scale > Design Scale Models > Discover > Investigate > Investigation 3: Find the Mistake 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/99f5ccd4-42cb-451d-a2c5-cbd4f67380d2
MAFS.7.G.1.2	Draw (freehand, with ruler and protractor, and with technology) geometric shapes with given conditions. Focus on constructing triangles from three measures of angles or sides, noticing when the conditions determine a unique triangle, more than one triangle, or no triangle.	Angles, Triangles, and Polygons > Construct Triangles and Polygons > Discover > Investigate > Investigation 2: Copy This! https://app.discoveryeducation.com/learn/techbook/units/4fcd8ed4-663c-47c8-a086-922bae8524e7/concepts/90aae01d-0f30-4db9-afe0-ab8c1cb57a85/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/e246f1ac-fb08-40ea-946c-c4b585fb9115

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MAFS.7.G.1.2	Draw (freehand, with ruler and protractor, and with technology) geometric shapes with given conditions. Focus on constructing triangles from three measures of angles or sides, noticing when the conditions determine a unique triangle, more than one triangle, or no triangle.	Angles, Triangles, and Polygons > Construct Triangles and Polygons > Discover > Investigate > Investigation 3: Construct Right Triangles > Draw Your Own Right Triangles https://app.discoveryeducation.com/learn/techbook/units/4fcd8ed4-663c-47c8-a086-922bae8524e7/concepts/90aae01d-0f30-4db9-afe0-ab8c1cb57a85/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/792a681f-a660-471a-bc4c-aac113b6f19b
MAFS.7.G.1.2	Draw (freehand, with ruler and protractor, and with technology) geometric shapes with given conditions. Focus on constructing triangles from three measures of angles or sides, noticing when the conditions determine a unique triangle, more than one triangle, or no triangle.	Angles, Triangles, and Polygons > Construct Triangles > Discover > Investigate > Investigation 1: What's the Long and Short of It? https://app.discoveryeducation.com/learn/techbook/units/4fcd8ed4-663c-47c8-a086-922bae8524e7/concepts/90aae01d-0f30-4db9-afe0-ab8c1cb57a85/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/04315a10-a9fb-41aa-8645-23a2e00b8700
MAFS.7.G.1.3	Describe the two-dimensional figures that result from slicing three-dimensional figures, as in plane sections of right rectangular prisms and right rectangular pyramids.	Solid Figures > Explore Three-Dimensional Shapes > Discover > Engage > 3D to 2D > Hands-On Activity: Visualize the Figure https://app.discoveryeducation.com/learn/player/1e3668fb-bbc6-449a-af25-3c0e9e6f0004
MAFS.7.G.1.3	Describe the two-dimensional figures that result from slicing three-dimensional figures, as in plane sections of right rectangular prisms and right rectangular pyramids.	Solid Figures > Explore Three-Dimensional Shapes > Discover > Investigate > Investigation 1: Cross-Sectional Collages > Interactive: Prism and Pyramid Slicer https://app.discoveryeducation.com/learn/techbook/units/fc000283-5e14-4b14-80f2-0e334586a0db/concepts/aa206339-c3fb-43a8-8a04-05eb3fd652ce/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/4d581a9c-2ea7-4622-b4c7-36ffe7b1dfa0

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MAFS.7.G.1.3	Describe the two-dimensional figures that result from slicing three-dimensional figures, as in plane sections of right rectangular prisms and right rectangular pyramids.	Solid Figures > Explore Three-Dimensional Shapes > Discover > Investigate > Investigation 1: Cross-Sectional Collages > Check for Understanding https://app.discoveryeducation.com/learn/player/f67c0f31-6e5f-4b56-8c92-e8ded8bd7ba1
MAFS.7.G.2.4	Know the formulas for the area and circumference of a circle and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle.	Circles > Investigate Circles > Discover > Investigate > Investigation 1: The Mystery of Circles https://app.discoveryeducation.com/learn/techbook/units/56cff4d8-19be-47b0-a537-1a750a637cd5/concepts/637d0741-f072-4e47-92ed-c971816af755/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/6b107ae0-c24b-4a38-a2a1-1bfa13f9a8b2
MAFS.7.G.2.4	Know the formulas for the area and circumference of a circle and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle.	Circles > Investigate Circles > Discover > Investigate > Investigation 2: Formulas for Circumference https://app.discoveryeducation.com/learn/techbook/units/56cff4d8-19be-47b0-a537-1a750a637cd5/concepts/637d0741-f072-4e47-92ed-c971816af755/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3f251454-1135-4f0b-ba1b-18be24812015
MAFS.7.G.2.4	Know the formulas for the area and circumference of a circle and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle.	Circles > Investigate Circles > Discover > Investigate > Investigation 3: Determine the Area of a Circle https://app.discoveryeducation.com/learn/techbook/units/56cff4d8-19be-47b0-a537-1a750a637cd5/concepts/637d0741-f072-4e47-92ed-c971816af755/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/f7a06cea-90b3-4dac-b5e5-2c32b6ce4e87
MAFS.7.G.2.5	Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.	Angles, Triangles, and Polygons > Understand Angle Relationships > Discover > Engage > What Angle Do You Need? > Hands-On Activity: What's Your Angle? https://app.discoveryeducation.com/learn/player/053c588a-13c1-43a8-b757-212766424152

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MAFS.7.G.2.5	Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.	Angles, Triangles, and Polygons > Understand Angle Relationships > Discover > Investigate > Investigation 3: Follow the Path > Check for Understanding https://app.discoveryeducation.com/learn/player/dc37e887-c4d5-4c4d-bae1-72e417d0548d
MAFS.7.G.2.5	Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.	Angles, Triangles, and Polygons > Understand Angle Relationships > Discover > Investigate > Investigation 2: Angle Explorer > Interactive: Angle Explorer https://app.discoveryeducation.com/learn/techbook/units/4fcd8ed4-663c-47c8-a086-922bae8524e7/concepts/8a0970d3-2435-4883-94dd-5da5b13dee32/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/bb3c88f0-6cfa-4b88-a4c1-6ab8e4551498
MAFS.7.G.2.6	Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.	Solid Figures > Explore Three-Dimensional Shapes > Discover > Investigate > Investigation 2: Surface Area of Prisms https://app.discoveryeducation.com/learn/techbook/units/fc000283-5e14-4b14-80f2-0e334586a0db/concepts/aa206339-c3fb-43a8-8a04-05eb3fd652ce/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/af10b1b6-001b-4847-87f3-eab84f7d1841
MAFS.7.G.2.6	Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.	Solid Figures > Explore Three-Dimensional Shapes > Discover > Investigate > Investigation 3: Surface Area of Pyramids https://app.discoveryeducation.com/learn/techbook/units/fc000283-5e14-4b14-80f2-0e334586a0db/concepts/aa206339-c3fb-43a8-8a04-05eb3fd652ce/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/9aa3a0ac-ecd9-4a37-93a3-e6a6cf99b2f0

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MAFS.7.G.2.6	Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.	Solid Figures > Explore Three-Dimensional Shapes > Discover > Investigate > Investigation 6: Surface Area and Volume of Composite Figures https://app.discoveryeducation.com/learn/techbook/units/fc000283-5e14-4b14-80f2-0e334586a0db/concepts/aa206339-c3fb-43a8-8a04-05eb3fd652ce/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/3a760b30-1d55-4bdf-a118-2e44bf81faca
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-afe6-4ddbfdd1c7e4/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-afe6-4ddbfdd1c7e4/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-afe6-4ddbfdd1c7e4/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-afe6-4ddbfdd1c7e4/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-afe6-4ddbfdd1c7e4/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-afe6-4ddbfdd1c7e4/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?reading_level_override=10&assetGuid=840efe76-04a1-48a1-b246-539fcc934554&language_code_override=eng#cit--840efe76-04a1-48a1-b246-539fcc934554
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.7.SP.1.1	Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population from a sample are valid only if the sample is representative of that population. Understand that random sampling tends to produce representative samples and support valid inferences.	Populations and Samples > Explore Populations and Samples > Discover > Engage > Where Do Statistics Come From? https://app.discoveryeducation.com/learn/techbook/units/AFA4BF0F-14A7-46F0-8C35-5511995B991B/concepts/F9CD5971-C64E-4ACC-8760-63756E5337D1

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MAFS.7.SP.1.1	Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population from a sample are valid only if the sample is representative of that population. Understand that random sampling tends to produce representative samples and support valid inferences.	Populations and Samples > Explore Populations and Samples > Discover > Investigate > Investigation 1: How Does a Sample Compare to a Population? https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/c71f73c8-d007-4a4f-81dc-b9c847014300
MAFS.7.SP.1.1	Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population from a sample are valid only if the sample is representative of that population. Understand that random sampling tends to produce representative samples and support valid inferences.	Populations and Samples > Explore Populations and Samples > Discover > Investigate > Investigation 1: How Does a Sample Compare to a Population? > Check for Understanding https://app.discoveryeducation.com/learn/player/c95db794-90bc-40cc-966a-80c90f34cdc6
MAFS.7.SP.1.2	Use data from a random sample to draw inferences about a population with an unknown characteristic of interest. Generate multiple samples (or simulated samples) of the same size to gauge the variation in estimates or predictions.	Populations and Samples > Explore Populations and Samples > Discover > Investigate > Investigation 1: How Does a Sample Compare to a Population? https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/c71f73c8-d007-4a4f-81dc-b9c847014300
MAFS.7.SP.1.2	Use data from a random sample to draw inferences about a population with an unknown characteristic of interest. Generate multiple samples (or simulated samples) of the same size to gauge the variation in estimates or predictions.	Populations and Samples > Explore Populations and Samples > Discover > Investigate > Investigation 4: Using Samples to Make Predications https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1491f7c6-d9a5-45c7-958f-0bc722819349

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MAFS.7.SP.1.2	Use data from a random sample to draw inferences about a population with an unknown characteristic of interest. Generate multiple samples (or simulated samples) of the same size to gauge the variation in estimates or predictions.	Populations and Samples > Explore Populations and Samples > Discover > Investigate > Investigation 4: Using Samples to Make Predictions > Check for Understanding https://app.discoveryeducation.com/learn/player/fd562969-ca50-4447-984d-28ceff1e0060
MAFS.7.SP.2.3	Informally assess the degree of visual overlap of two numerical data distributions with similar variabilities, measuring the difference between the centers by expressing it as a multiple of a measure of variability.	Populations and Samples > Compare Populations and Samples > Discover > Investigate > Investigation 2: Who Will Get Picked > Check for Understanding https://app.discoveryeducation.com/learn/player/8f00e46c-0eea-4d1d-8d14-b411fe1a1253
MAFS.7.SP.2.3	Informally assess the degree of visual overlap of two numerical data distributions with similar variabilities, measuring the difference between the centers by expressing it as a multiple of a measure of variability.	Populations and Samples > Compare Populations and Samples > Discover > Investigate > Investigation 3: Comparing Populations https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/27b8ce5e-a67f-44a8-90bb-8fe47882aa97/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/126cef7d-5ec3-4315-aa9c-f7d9df57f8b0
MAFS.7.SP.2.3	Informally assess the degree of visual overlap of two numerical data distributions with similar variabilities, measuring the difference between the centers by expressing it as a multiple of a measure of variability.	Populations and Samples > Compare Populations and Samples > Discover > Investigate > Investigation 4: Comparing Stimuli https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/27b8ce5e-a67f-44a8-90bb-8fe47882aa97/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/a7ef211b-cc5d-4e7f-a1ce-12c74eb1eef3
MAFS.7.SP.2.4	Use measures of center and measures of variability for numerical data from random samples to draw informal comparative inferences about two populations.	Populations and Samples > Compare Populations and Samples > Discover > Investigate > Investigation 2: Who Will Get Picked > Check for Understanding https://app.discoveryeducation.com/learn/player/8f00e46c-0eea-4d1d-8d14-b411fe1a1253

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MAFS.7.SP.2.4	Use measures of center and measures of variability for numerical data from random samples to draw informal comparative inferences about two populations.	Populations and Samples > Compare Populations and Samples > Discover > Investigate > Investigation 3: Comparing Populations https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/27b8ce5e-a67f-44a8-90bb-8fe47882aa97/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/126cef7d-5ec3-4315-aa9c-f7d9df57f8b0
MAFS.7.SP.2.4	Use measures of center and measures of variability for numerical data from random samples to draw informal comparative inferences about two populations.	Populations and Samples > Compare Populations and Samples > Discover > Investigate > Investigation 4: Comparing Stimuli https://app.discoveryeducation.com/learn/techbook/units/afa4bf0f-14a7-46f0-8c35-5511995b991b/concepts/27b8ce5e-a67f-44a8-90bb-8fe47882aa97/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/a7ef211b-cc5d-4e7f-a1ce-12c74eb1eef3
MAFS.7.SP.3.5	Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.	Probability of Random Events > Predict Probabilities > Discover > Engage > Understanding Likelihood https://app.discoveryeducation.com/learn/techbook/units/3EDDFB92-C8E0-4776-B831-81045EBD4F9F/concepts/0DE3746C-C0CA-43E6-83DF-4ADAF5A99933
MAFS.7.SP.3.5	Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.	Probability of Random Events > Predict Probabilities > Discover > Investigate > Investigation 1: How Likely? https://app.discoveryeducation.com/learn/techbook/units/3eddfb92-c8e0-4776-b831-81045ebd4f9f/concepts/0de3746c-c0ca-43e6-83df-4adaf5a99933/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/030db5d3-4a78-44a5-b3a6-7a9da622d5c9

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MAFS.7.SP.3.5	Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.	Probability of Random Events > Predict Probabilities > Practice > Coach

https://app.discoveryeducation.com/core:assessment/coach?practice=69aa5031-ee9f-4304-ade9-73c1c68f9f2d&conceptGuid=0de3746c-c0ca-43e6-83df-4adaf5a99933&courseGuid=724c539b-ecff-4729-8f7a-d53a5bc71043&unitGuid=3eddfb92-c8e0-4776-b831-81045ebd4f9f&teacherMode=true |
| MAFS.7.SP.3.6 | Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the probability. | Probability of Random Events > Model Probabilities > Discover > Engage:Use Experimental Probability to Make Predictions

https://app.discoveryeducation.com/learn/techbook/units/3EDDFB92-C8E0-4776-B831-81045EBD4F9F/concepts/22A90D5E-04E1-4316-8D09-4DA85B1DEA00 |
| MAFS.7.SP.3.6 | Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the probability. | Probability of Random Events > Model Probabilities > Discover > Investigate > Investigation 1: Developing a Probability Model by Observing Frequencies in Data

https://app.discoveryeducation.com/learn/techbook/units/3eddfb92-c8e0-4776-b831-81045ebd4f9f/concepts/22a90d5e-04e1-4316-8d09-4da85b1dea00/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/6fad973f-a1da-4ce1-8563-4f28c22f0c72 |
| MAFS.7.SP.3.6 | Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the probability. | Probability of Random Events > Model Probabilities > Discover > Investigate > Investigation 2: Meteorite Warning > Hands-On Activity: Meteorite Impact

https://app.discoveryeducation.com/learn/techbook/units/3eddfb92-c8e0-4776-b831-81045ebd4f9f/concepts/22a90d5e-04e1-4316-8d09-4da85b1dea00/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/067d21a3-77ed-4921-9f9a-23b9508451f1 |

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MAFS.7.SP.3.7.a	Develop a uniform probability model by assigning equal probability to all outcomes, and use the model to determine probabilities of events.	Probability of Random Events > Model Probabilities > Discover > Engage:Use Expreimental Probability to Make Predictions https://app.discoveryeducation.com/learn/techbook/units/3EDDFB92-C8E0-4776-B831-81045EBD4F9F/concepts/22A90D5E-04E1-4316-8D09-4DA85B1DEA00
MAFS.7.SP.3.7.a	Develop a uniform probability model by assigning equal probability to all outcomes, and use the model to determine probabilities of events.	Probability of Random Events > Model Probabilities > Discover > Investigate > Investigation 1: Developing a Probability Model by Observing Frequencies in Data > Hands-On Activity: Probability Models https://app.discoveryeducation.com/learn/player/435a4707-2678-48c8-b18b-44750301427c
MAFS.7.SP.3.7.a	Develop a uniform probability model by assigning equal probability to all outcomes, and use the model to determine probabilities of events.	Probability of Random Events > Model Probabilities > Discover > Investigate > Investigation 2: Meteorite Warning > Hands-On Activity: Meteorite Impact https://app.discoveryeducation.com/learn/techbook/units/3eddfb92-c8e0-4776-b831-81045ebd4f9f/concepts/22a90d5e-04e1-4316-8d09-4da85b1dea00/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/067d21a3-77ed-4921-9f9a-23b9508451f1
MAFS.7.SP.3.7.b	Develop a probability model (which may not be uniform) by observing frequencies in data generated from a chance process.	Probability of Random Events > Model Probabilities > Discover > Investigate > Investigation 2: Meteorite Warning > Hands-On Activity: Meteorite Impact https://app.discoveryeducation.com/learn/techbook/units/3eddfb92-c8e0-4776-b831-81045ebd4f9f/concepts/22a90d5e-04e1-4316-8d09-4da85b1dea00/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/067d21a3-77ed-4921-9f9a-23b9508451f1
MAFS.7.SP.3.7.b	Develop a probability model (which may not be uniform) by observing frequencies in data generated from a chance process.	Probability of Random Events > Model Probabilities > Discover > Investigate > Investigation 2: Meteorite Warning > Check for Understanding https://app.discoveryeducation.com/learn/player/77910b7f-e5bd-4af2-9559-ca8e9ab75b4d

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MAFS.7.SP.3.7.b	Develop a probability model (which may not be uniform) by observing frequencies in data generated from a chance process.	Probability of Random Events > Model Probabilities > Discover > Investigate > Investigation 3: Sources of Error https://app.discoveryeducation.com/learn/techbook/units/3eddfb92-c8e0-4776-b831-81045ebd4f9f/concepts/22a90d5e-04e1-4316-8d09-4da85b1dea00/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/ac203592-3210-49ca-84b5-c83b25312439
MAFS.7.SP.3.8.a	Understand that, just as with simple events, the probability of a compound event is the fraction of outcomes in the sample space for which the compound event occurs.	Probability of Multiple Events > Explore Compound Probabilities > Discover > Engage > Hands-On Activity: Losing your Marbles https://app.discoveryeducation.com/learn/player/69ae508d-df46-476e-9744-2e460b9afd47
MAFS.7.SP.3.8.a	Understand that, just as with simple events, the probability of a compound event is the fraction of outcomes in the sample space for which the compound event occurs.	Probability of Multiple Events > Explore Compound Probabilities > Discover > Investigate > Investigation 1: Probability of Independent Events https://app.discoveryeducation.com/learn/techbook/units/737f33b4-2d18-4574-8ca6-473b3c8a5458/concepts/da9248db-e46a-4e32-a251-93a3e24896fc/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/91aa4dd9-98cd-42ae-9944-86215d8c857a
MAFS.7.SP.3.8.a	Understand that, just as with simple events, the probability of a compound event is the fraction of outcomes in the sample space for which the compound event occurs.	Probability of Multiple Events > Explore Compound Probabilities > Discover > Investigate > Investigation 2: Making a Random Playlist https://app.discoveryeducation.com/learn/techbook/units/737f33b4-2d18-4574-8ca6-473b3c8a5458/concepts/da9248db-e46a-4e32-a251-93a3e24896fc/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/98703019-9576-4c73-b4b9-78f4b2d13ae8

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MAFS.7.SP.3.8.b	Represent sample spaces for compound events using methods such as organized lists, tables and tree diagrams. For an event described in everyday language (e.g., "rolling double sixes"), identify the outcomes in the sample space which compose the event.	Probability of Multiple Events > Explore Compound Probabilities > Discover > Investigate > Investigation 2: Making a Random Playlist https://app.discoveryeducation.com/learn/techbook/units/737f33b4-2d18-4574-8ca6-473b3c8a5458/concepts/da9248db-e46a-4e32-a251-93a3e24896fc/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/98703019-9576-4c73-b4b9-78f4b2d13ae8
MAFS.7.SP.3.8.b	Represent sample spaces for compound events using methods such as organized lists, tables and tree diagrams. For an event described in everyday language (e.g., "rolling double sixes"), identify the outcomes in the sample space which compose the event.	Probability of Multiple Events > Explore Compound Probabilities > Discover > Investigate > Investigation 3: Candy Conundrum https://app.discoveryeducation.com/learn/techbook/units/737f33b4-2d18-4574-8ca6-473b3c8a5458/concepts/da9248db-e46a-4e32-a251-93a3e24896fc/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/ea5060f4-dbc8-415a-bc98-db8afa56d0de
MAFS.7.SP.3.8.b	Represent sample spaces for compound events using methods such as organized lists, tables and tree diagrams. For an event described in everyday language (e.g., "rolling double sixes"), identify the outcomes in the sample space which compose the event.	Probability of Multiple Events > Determine Compound Probabilities > Discover > Investigate > Investigation 3: Choosing from a Box of Chocolates https://app.discoveryeducation.com/learn/techbook/units/737f33b4-2d18-4574-8ca6-473b3c8a5458/concepts/c84e2fcc-611f-4751-96c8-ddf160de9cb9/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1af9210a-21f4-4508-ad8f-cde29b309887
MAFS.7.SP.3.8.c	Design and use a simulation to generate frequencies for compound events.	Probability of Multiple Events > Determine Compound Probabilities > Discover > Investigate > Investigation 3: Choosing from a Box of Chocolates https://app.discoveryeducation.com/learn/techbook/units/737f33b4-2d18-4574-8ca6-473b3c8a5458/concepts/c84e2fcc-611f-4751-96c8-ddf160de9cb9/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1af9210a-21f4-4508-ad8f-cde29b309887

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MAFS.7.SP.3.8.c	Design and use a simulation to generate frequencies for compound events.	Probability of Multiple Events > Explore Compound Probabilities > Discover > Investigate > Investigation 1: Probability of Independent Events https://app.discoveryeducation.com/learn/techbook/units/737f33b4-2d18-4574-8ca6-473b3c8a5458/concepts/da9248db-e46a-4e32-a251-93a3e24896fc/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/91aa4dd9-98cd-42ae-9944-86215d8c857a
MAFS.7.SP.3.8.c	Design and use a simulation to generate frequencies for compound events.	Probability of Multiple Events > Explore Compound Probabilities > Discover > Investigate > Investigation 2: Making a Random Playlist https://app.discoveryeducation.com/learn/techbook/units/737f33b4-2d18-4574-8ca6-473b3c8a5458/concepts/da9248db-e46a-4e32-a251-93a3e24896fc/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/98703019-9576-4c73-b4b9-78f4b2d13ae8
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 1: Build Your Own Race Car https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/e9d34d68-ad6a-4c16-a782-3c3cfb810116/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/5fe1436c-e695-48ed-a568-1a825e9fefc6
MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Equivalent Expressions > Analyze Algebraic Expressions > Discover > Engage > Crack the Code https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/7e82d58f-8ff2-4b73-a1bd-2d8ef70b626f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/5365aa85-7715-4dd1-a1b5-dc8f264e833f

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MAFS.K12.MP.1.1	Make sense of problems and persevere in solving them.	Populations and Samples > Explore Populations and Samples > Discover > Investigate > Investigation 4: Using Samples to Make Predictions https://app.discoveryeducation.com/learn/techbook/units/59b07579-adcc-4493-85e3-17f61d74fd46/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/1491f7c6-d9a5-45c7-958f-0bc722819349
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Engage > The Cost of Doing Business https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/e9d34d68-ad6a-4c16-a782-3c3cfb810116/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/56bc1d4f-baa5-46f0-a85a-4874766aa4b9
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 1: Build Your Own Race Car https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/e9d34d68-ad6a-4c16-a782-3c3cfb810116/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/5fe1436c-e695-48ed-a568-1a825e9fefc6
MAFS.K12.MP.2.1	Reason abstractly and quantitatively.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 2: 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/5386bbed-0e46-40fe-9c5f-09d55784ce21

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MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Engage > The Cost of Doing Business https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/e9d34d68-ad6a-4c16-a782-3c3cfb810116/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/56bc1d4f-baa5-46f0-a85a-4874766aa4b9
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 1: Build Your Own Race Car https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/e9d34d68-ad6a-4c16-a782-3c3cfb810116/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/5fe1436c-e695-48ed-a568-1a825e9fefc6
MAFS.K12.MP.3.1	Construct viable arguments and critique the reasoning of others.	Angles, Triangles, and Polygons > Understand Angle Relationships > Discover > Engage > What Angle Do You Need? > Hands-On Activity: What's Your Angle https://app.discoveryeducation.com/learn/player/053c588a-13c1-43a8-b757-212766424152
MAFS.K12.MP.4.1	Model with mathematics.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 1: Build Your Own Race Car https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/e9d34d68-ad6a-4c16-a782-3c3cfb810116/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/5fe1436c-e695-48ed-a568-1a825e9fefc6

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MAFS.K12.MP.4.1	Model with mathematics.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 2: 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/5386bbed-0e46-40fe-9c5f-09d55784ce21
MAFS.K12.MP.4.1	Model with mathematics.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 3: Using Algebraic Expressions to Find the Better Deal https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/e9d34d68-ad6a-4c16-a782-3c3cfb810116/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/bfab6913-925e-4eda-854a-5d067eb2cce5
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Equations and Inequalities > Solve Algebraic Equations > Discover > Investigate > Investigation 1: Keeping an Equation Balanced https://app.discoveryeducation.com/learn/techbook/units/8eaffca7-e683-45b2-b2ec-1f0a6391cfe2/concepts/07f850d8-8f51-4a80-9898-f2414120ea95/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/c8471cd0-2339-4f28-bd9f-5706745016db
MAFS.K12.MP.5.1	Use appropriate tools strategically.	Equations and Inequalities > Solve Algebraic Equations > Discover > Investigate > Investigation 1: Modeling Algebraic Inequalities https://app.discoveryeducation.com/learn/techbook/units/8eaffca7-e683-45b2-b2ec-1f0a6391cfe2/concepts/fed583a1-b78b-42bb-bb11-3a7a7a650783/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/446f1308-5d7a-4d7a-bfb6-2c5e44c59079

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MAFS.K12.MP.5.1	Use appropriate tools strategically.	Probability of Multiple Events > Explore Compound Probabilities > Discover > Investigate > Investigation 1: Probability of Independent Events https://app.discoveryeducation.com/learn/techbook/units/737f33b4-2d18-4574-8ca6-473b3c8a5458/concepts/da9248db-e46a-4e32-a251-93a3e24896fc/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/91aa4dd9-98cd-42ae-9944-86215d8c857a
MAFS.K12.MP.6.1	Attend to precision.	Angles, Triangles, and Polygons > Understand Angle Relationships > Discover > Engage > What Angle Do You Need? > Hands-On Activity: What's Your Angle https://app.discoveryeducation.com/learn/player/053c588a-13c1-43a8-b757-212766424152
MAFS.K12.MP.6.1	Attend to precision.	Angles, Triangles, and Polygons > Understand Angle Relationships > Discover > Investigate > Investigation 1: An Angle Puzzle https://app.discoveryeducation.com/learn/techbook/units/4fcd8ed4-663c-47c8-a086-922bae8524e7/concepts/8a0970d3-2435-4883-94dd-5da5b13dee32/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/7214083f-a991-4359-a0b1-964dbc052869
MAFS.K12.MP.6.1	Attend to precision.	Angles, Triangles, and Polygons > Understand Angle Relationships > Discover > Investigate > Investigation 2: Follow the Path https://app.discoveryeducation.com/learn/techbook/units/4fcd8ed4-663c-47c8-a086-922bae8524e7/concepts/8a0970d3-2435-4883-94dd-5da5b13dee32/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/ecd04314-0542-4969-a3a0-31502ec4219c

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MAFS.K12.MP.7.1	Look for and make use of structure.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 2: 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/5386bbed-0e46-40fe-9c5f-09d55784ce21
MAFS.K12.MP.7.1	Look for and make use of structure.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 3: Using Algebraic Expressions to Find the Better Deal https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/e9d34d68-ad6a-4c16-a782-3c3cfb810116/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/bfab6913-925e-4eda-854a-5d067eb2cce5
MAFS.K12.MP.7.1	Look for and make use of structure.	Equivalent Expressions > Analyze Algebraic Expressions > Discover > Engage > Crack the Code https://app.discoveryeducation.com/learn/techbook/units/a7aef4db-0857-4c8c-81a8-5c2b8c0bc0fe/concepts/7e82d58f-8ff2-4b73-a1bd-2d8ef70b626f/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/5365aa85-7715-4dd1-a1b5-dc8f264e833f
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Equivalent Expressions > Interpret Algebraic Expressions > Discover > Investigate > Investigation 2: 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/5386bbed-0e46-40fe-9c5f-09d55784ce21

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MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Populations and Samples > Explore Populations and Samples > Discover > Engage > Where Do Statistics Come From? https://app.discoveryeducation.com/learn/techbook/units/59b07579-adcc-4493-85e3-17f61d74fd46/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/85e97227-c142-4e9f-a4f9-b7689949c880
MAFS.K12.MP.8.1	Look for and express regularity in repeated reasoning.	Populations and Samples > Explore Populations and Samples > Discover > Investigate > Investigation 3: How Can We Minimize Bias Through Random Sampling? https://app.discoveryeducation.com/learn/techbook/units/59b07579-adcc-4493-85e3-17f61d74fd46/concepts/f9cd5971-c64e-4acc-8760-63756e5337d1/tabs/19155618-5d23-4aa5-a4e5-017f733dab9a/pages/2face4c1-ac03-4fad-8f31-1a4df4c3610b