**First Nine Weeks**

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| **Sequence** | **Standard Description** | **Resources** | **Assessment** |
| **Week 1 (Q1)**  **8/11 - 8/19** | **Pre-Test/Review**  **Compute fluently with multi-digit numbers and find common factors and multiples.**  [**MAFS.6.NS.2.4**](http://www.cpalms.org/Public/PreviewStandard/Preview/5441)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1dPrCeptwXQC8xkYP-FYABzbZxEzWhP5VwBYwZSeavlc) | **CMP3:**  PT:  Inv. 2 and 3 (NS.2.4)  PT: Inv. 4 (Distributive Property)  **CPALMS Lessons:**        NS 2.4 - [Can You Find the Relationship?](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/49039) | [**MATH ITEM SPECIFICATIONS**](http://fsassessments.org/wp-content/uploads/2015/03/Grade-6-Math-Test-Item-Specifications.pdf)  **MFAS:**  *NS.2.4*  [Greatest Common Factors](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57912)  [Least Common Multiples](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57913)  [Using the Distributive Property](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/60620) |
| **Week 2 (Q1)**  **8/22 - 8/26** | **Compute fluently with multi-digit numbers and find common factors and multiples.**  [***MAFS.6.NS.2.2***](http://www.cpalms.org/Public/PreviewStandard/Preview/5439)Calculator: No  Fluently divide multi-digit numbers using the standard algorithm.  [**(unpacked)**](https://drive.google.com/open?id=1sZBNckphrDKh90XYmOKQyjaH4nt7xgTDO2_yZnK2xtc)  [**MAFS.6.NS.2.3**](http://www.cpalms.org/Public/PreviewStandard/Preview/5440) Calculator: No  Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.  [**(unpacked)**](https://drive.google.com/open?id=1zRk7hCCiP8-jftfgnIRkxGKs6hp7iOHaSa8jPmsxTWk) | **CMP3:**  DO:  Inv. 3 (NS.2.3)  **CPALMS Lesson:**  NS 2.2 - [Dividing Decimals Investigation](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/27706)  [S](http://www.cpalms.org/Public/PreviewResource/Preview/27706)  NS.2.3 - [The Mystery of Decimals](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/37862) | **MFAS:**  *NS.2.2*  [Long Division - 1](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55050)  [Long Division - 2](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55051)  [Long Division - 3](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55164)  *NS.2.3*  [Adding Multi Digit Decimals](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57008)  [Subtracting Multi Digit Decimals](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57021) |
| **Week 3 (Q1)**  **8/29-9/2** | **Compute fluently with multi-digit numbers and find common factors and multiples.**  [**MAFS.6.NS.2.3**](http://www.cpalms.org/Public/PreviewStandard/Preview/5440) Calculator: No  Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.  [**(unpacked)**](https://drive.google.com/open?id=1zRk7hCCiP8-jftfgnIRkxGKs6hp7iOHaSa8jPmsxTWk)  **Understand ratio concepts and use ratio reasoning to solve problems.**  [**MAFS.6.RP.1.1**](http://www.cpalms.org/Public/PreviewStandard/Preview/5435) Calculator: No  Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.  [**(unpacked)**](https://drive.google.com/open?id=1ZueDeIq1S_3rV3MjD5uDlA_1y35hJIfp0Q6DxXzTUFA)    **Use ratio and rate reasoning to solve real-world and mathematical problems.**  [**MAFS.6.RP.1.3a**](http://www.cpalms.org/Public/PreviewAccessPoint/Preview/15592) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1IlPCeg5a8LpUwjlgberJ4WCw71aM7-Tm5NL-_UEGXFs) | **CMP3:**  DO:  Inv. 3 (NS.2.3 Mult/Div)  CBP: Inv.1 (RP.1.1)  VAP: Inv. 1 (RP.1.3)  CBP: Inv. 2 (RP.1.3)    **CPALMS Lessons:**  NS.2.3 - [Snack Time](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/74551)  RP.1.1 - Comparing Rectangles    RP 1.3a - My Favorite Recipe | **MFAS:**  *NS.2.3*  [Multiplying Multi Digit Decimals](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55311)  [Dividing Multi Digit Decimals](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55947)  *RP.1.1*  [Comparing Rectangles](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/54915)  [Comparing Time](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/54913)  [Interpreting Ratios](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/54911)  [Writing Ratios](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/54810)    *RP.1.3a*  [Finding the Whole](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/63277)  [Homework Time](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62915)  [Making Coffee](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62823) |
| **Week 4 (Q1)**  **9/5 - 9/9** | **Understand the concept of a unit rate a/b associated with a ratio a:b with b 0, and use rate language in the context of a ratio relationship.**  [**MAFS.6.RP.1.2**](http://www.cpalms.org/Public/PreviewStandard/Preview/5436) Calculator: No  Understand the concept of a unit rate a/b associated with a ratio a:b with b ≠ 0, and use rate language in the context of a ratio relationship.  [**(unpacked)**](https://drive.google.com/open?id=1cWTWFDZnu7aE-i3gcahkdFpl3UZzccxyy-sGxSom_3k)  **Use ratio and rate reasoning to solve real-world and mathematical problems.**  [**MAFS.6.RP.1.3b**](http://www.cpalms.org/Public/PreviewStandard/Preview/5437) Calculator: No  Solve unit rate problems including those involving unit pricing and constant speed. For example, if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?  [**(unpacked)**](https://drive.google.com/open?id=1eT99WlnCTg5KDhja9cugeahoilAJvaNnQTOXY1rWvKs)  **Monday 9/5 Labor Day NO SCHOOL** | **CMP3:**  CBP: Inv. 2 (RP.1.2, and RP.1.3)  VAP: Inv. 1 (RP.1.3)  VAP: Inv. 1 (RP.1.3a, b)    **CPALMS Lessons:**  RP 1.2 - [Catapult a Rate](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/50663)  RP 1.3b - My Favorite Recipe | **MFAS:**  *RP.1.2*  [Book Rates](http://www.cpalms.org/Public/PreviewResource/Preview/57001)  [Explaining Rates](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56850)  [Identifying Unit Rates](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56847)  [Writing Unit Rates](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56846)  *RP.1.3b*  [Party Punch - Compare Ratios](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/58059) |
| **Week5 (Q1)**  **9/12 - 9/16** | **Use ratio and rate reasoning to solve real-world and mathematical problems.**  [**MAFS.6.RP.1.3b**](http://www.cpalms.org/Public/PreviewStandard/Preview/5437) Calculator: No  Solve unit rate problems including those involving unit pricing and constant speed. For example, if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?  [**(unpacked)**](https://drive.google.com/open?id=1eT99WlnCTg5KDhja9cugeahoilAJvaNnQTOXY1rWvKs)  [**MAFS.6.RP.1.3c**](http://www.cpalms.org/Public/PreviewAccessPoint/Preview/15595) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1AkAVxzl8i3lDXTYnIhhxwANLq2aiR7Ub7Xrk7hpK5jw) | **CMP3:**  CBP: Inv. 2 (RP.1.3)  VAP: Inv. 1 (RP.1.3a, b)  **CPALMS Lessons:**  RP 1.3b - My Favorite Recipe | **MFAS:**  *RP.1.3b*  [Party Punch - Compare Ratios](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/58059)  *RP.1.3c*  [Sara’s Hike](http://www.cpalms.org/Public/PreviewResource/Preview/54957) |
| **Week 6 (Q1)**  **9/19-9/23** | **Use ratio and rate reasoning to solve real-world and mathematical problems.**  [**MAFS.6.RP.1.3c**](http://www.cpalms.org/Public/PreviewAccessPoint/Preview/15595) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1AkAVxzl8i3lDXTYnIhhxwANLq2aiR7Ub7Xrk7hpK5jw) | **CMP3:**  CBP: Inv. 2 (RP.1.3)  VAP: Inv. 1 (RP.1.3a, b)  DO: Inv. 4 (RP.1.3c)  **CPALMS Lessons:**  RP 1.3 - [Recognizing Proportional Relationships to Develop Sense of Scale](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/45987)  RP 1.3c - Maximizing Profit: Selling Soup | **MFAS:**  *RP.1.3*  [Bargain Breakfast](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55942)  [Comparing Rates](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62923) |
| **Week 7 (Q1)**  **9/26-9/30** | **Use ratio and rate reasoning to solve real-world and mathematical problems.**  [**MAFS.6.RP.1.3d**](http://www.cpalms.org/Public/PreviewStandard/Preview/5437) Calculator: No  Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.  [**(unpacked)**](https://drive.google.com/open?id=1J8b-mL2g5mxS9rXi6jXe2NOaNJ1woxJUozophHanFYs)  **Apply and extend previouls understandings of multiplication and division to divide fractions by fractions.**  [**MAFS.6.NS.1.1**](http://www.cpalms.org/Public/PreviewStandard/Preview/5438) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1ZIVsDGxfHvM_OtaQoYVVvZKVsKkDsvHGJT8FTu6p6K8) | **CMP3:**  LBR: Inv. 3 (NS.1.1)    **CPALMS Lessons:**  RP.1.3d - [Money: How to Know Where it is all Going](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/48088)  NS 1.1 - [Dividing Fractions](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/37229) | **MFAS:**  *RP.1.3c*  [Sara’s Hike](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/54957)  *NS.1.1*  [Contextualizing Fraction Division](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55944)  [Fraction Division](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55943)  [Juicing Fractions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57002)  [Models of Fraction Division](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55946)  *RP.1.3d*  [Measurement Conversion](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62926) |
| **Week 8 (Q1)**  **10/3 - 10/7** | **Apply and extend previouls understandings of multiplication and division to divide fractions by fractions.**  [**MAFS.6.NS.1.1**](http://www.cpalms.org/Public/PreviewStandard/Preview/5438) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1ZIVsDGxfHvM_OtaQoYVVvZKVsKkDsvHGJT8FTu6p6K8)  **Apply and extend previous understandings of numbers to the system of rational numbers.**  [**MAFS.6.NS.3.5**](http://www.cpalms.org/Public/PreviewStandard/Preview/5442) Calculator:  No  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 charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.  [**(unpacked)**](https://drive.google.com/open?id=1X6walWS7Zr17BnVSCKJkJmVXV3UDAYhEo4IpSFhU2a0) | **CMP3:**  CBP: Inv 3 (NS.3.5)  **CPALMS Lessons:**  NS 1.1 - [Dividing Fractions(Tackling Word Problems)](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/29513)  NS 1.1 - [Dividing Fractions](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/37229)  NS 3.5 - [Positive or Negative, It's All About Shopping!](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/47097) | **MFAS:**  *NS.3.5*  [Rainfall Change](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55953)  [Relative Decimals](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55376)  [Relative Fractions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55949)  [Relative Integers](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55377) |
| **Week 9 (Q1)**  **10/10-10/14** | **EXAMS**  **Friday 10/14 PROFESSIONAL DAY** |  |  |
| ***End of First Nine Weeks Exam*** | | | |
| ***Professional Day*** | | | |

**Additional Standards for 6th Grade ADVANCED:  The following standards should also be taught during the FIRST NINE WEEKS.**

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|  | **7.RP.1.1**  [MAFS.7.RP.1.1](http://www.cpalms.org/Public/PreviewStandard/Preview/5464) Calculator: Yes  Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units.  [**(unpacked)**](https://drive.google.com/open?id=158LSV6pQcJQut6SR-m-V_MANDYcl-d_3GG8nhVLoO5w) | **RESOURCES**:  CMP3:  Comparing and Scaling  Inv 1 (Problems 34)  Inv 2 (Problem 3)  Inv 3 (Problem 1, 3)  **CPALMS:**  [Bean Counting and Ratios](http://www.cpalms.org/Public/PreviewResource/Preview/4829) | **ASSESSMENTS**:  [Unit Rate Area](http://www.cpalms.org/Public/PreviewResource/Preview/68419)  [Unit Rate Length](http://www.cpalms.org/Public/PreviewResource/Preview/68422)  [Computing Unit Rates](http://www.cpalms.org/Public/PreviewResource/Preview/55436)  [Computing Unit Rates 2](http://www.cpalms.org/Public/PreviewResource/Preview/55437) |
|  | **7.RP.1.2**  [MAFS.7.RP.1.2](http://www.cpalms.org/Public/PreviewStandard/Preview/5465) Calculator: Yes  Recognize and represent proportional relationships between quantities.  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.  b. Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal  descriptions of proportional relationships.  c. Represent proportional relationships by equations. 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.  [**(unpacked)**](https://drive.google.com/open?id=1ZatB8AvdbwtfeKjD10w0ima24S2jd5D8DRYjDm6As1c) | **RESOURCES**:  Moving Straight Ahead  Inv 1 (Problem 12)  Inv 2 (Problem 23)  Inv 4 (Problem 2,4)  **CPALMS**  [Feeding Frenzy](http://www.cpalms.org/Public/PreviewResource/Preview/5017) | **ASSESSMENTS**:  [Finding Constant of Proportionality](http://www.cpalms.org/Public/PreviewResource/Preview/55960)  [Babysitting Graph](http://www.cpalms.org/Public/PreviewResource/Preview/55963)  [Deciding if Proportional](http://www.cpalms.org/Public/PreviewResource/Preview/55438)  [Serving Size](http://www.cpalms.org/Public/PreviewResource/Preview/55440)  [Writing an Equation](http://www.cpalms.org/Public/PreviewResource/Preview/55999)  [Teacher to Student Ratios](http://www.cpalms.org/Public/PreviewResource/Preview/60564)  [Identify the Constant of Proportionalities in Equations](http://www.cpalms.org/Public/PreviewResource/Preview/60566)  [Graphs of Proportional Relationships](http://www.cpalms.org/Public/PreviewResource/Preview/60572) |
|  | **7.RP.1.3**  [MAFS.7.RP.1.3](http://www.cpalms.org/Public/PreviewStandard/Preview/5466)  Use proportional relationships to solve multistep ratio and percent problems. *Examples: simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error.*  [**(unpacked)**](https://drive.google.com/open?id=1zXkADHkzyRe3dgxcGbloiYTdwjZw9QhatyUU10J8Bzo) | **RESOURCES**:  Stretching and Shrinking  Inv 1 (Problem 2)  Inv 3 (Problem 13)  Inv 4 (Problem 13)  **CPALMS**  [Increasing and Decreasing Quantities by Percent](http://www.cpalms.org/Public/PreviewResource/Preview/32512) | **ASSESSMENTS**:  [Finding Fees](http://www.cpalms.org/Public/PreviewResource/Preview/58124)  [Tiffany’s Tax](http://www.cpalms.org/Public/PreviewResource/Preview/55441)  [Gasoline Prices](http://www.cpalms.org/Public/PreviewResource/Preview/55442)  [Making Cookies](http://www.cpalms.org/Public/PreviewResource/Preview/60574) |

**Second Nine Weeks**

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| **Sequence** | **Standard Description** | **Resources** | **Assessment** |
| **Week 1 (Q2)**  **10/17 - 10/21** | **Apply and extend previous understandings of numbers to the system of rational numbers.**  [**MAFS.6.NS.3.6a**](http://www.cpalms.org/Public/PreviewAccessPoint/Preview/15612) Calculator: No  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. ([MAFS.6.NS.3.6](http://www.cpalms.org/Public/PreviewStandard/Preview/5443))  [**(unpacked)**](https://drive.google.com/open?id=1NPGleNamdc_Zl0kxC7jOKbgJ_4BTnPPHQ6yaaguFrEQ)  [**MAFS.6.NS.3.6b**](http://www.cpalms.org/Public/PreviewAccessPoint/Preview/15617)Calculator: No  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. ([MAFS.6.NS.3.6](http://www.cpalms.org/Public/PreviewStandard/Preview/5443))  [**(unpacked)**](https://drive.google.com/open?id=1SUjS_NtROy0524-Nk6QwBVtJoc2V-OUCdS3PFe2tdWc)  **Friday 10/21 DISTRICT IN-SERVICE DAY** | **CMP3:**  CBP: Inv. 3 (NS.3.6a, c,NS.3.7)  VAP: Inv. 2 (NS.3.6b)  CAS: Inv. 3 (NS.3.8)  **CPALMS Lessons:** NS 3.6a,b,c [Mapping the School](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/48687)  NS  3.6b - [Bomb the Boat - Sink the Teacher's Fleet!](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/48848) | [**MATH ITEM SPECIFICATIONS**](http://fsassessments.org/wp-content/uploads/2015/03/Grade-6-Math-Test-Item-Specifications.pdf)  **MFAS:**  *NS.3.6a*  [Explaining Opposites](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66204)  *NS.3.6b*  [Graphing on Cartesian Planes](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66205)  [Graphing Points in the Plane](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57023)  [Graphing Points on the Number Line](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57024)  [Locating Quadrants](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57022) |
| **Week 2 (Q2)**  **10/24 - 10/28** | **Apply and extend previous understandings of numbers to the system of rational numbers.**  [**MAFS.6.NS.3.6c**](http://www.cpalms.org/Public/PreviewAccessPoint/Preview/15618) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1WdW39AnKv7Lv0XI0wsC6tpZX9vnw3Y6JV19lFqkB4mI)  [**MAFS.6.NS.3.8**](http://www.cpalms.org/Public/PreviewStandard/Preview/5445) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1SQBPXg5vMNRZkYf41f4tBnZJLHwpCeO88R2uljV5aL8)  [**MAFS.6.NS.3.7a**](http://www.cpalms.org/Public/PreviewStandard/Preview/5444) Calculator: No  Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.  [**(unpacked)**](https://drive.google.com/open?id=15RSPTueOjWqz9svKxLqoYoHN0W40_4Ho7xjW7Bzn7Qc) | **CMP3:**    **CPALMS Lessons:**  NS 3.8 - [Coordinate Grids: The Key to the City](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/29281) | **MFAS:**  *NS.3.6c*  [Point Locations](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/60621)  [What Is the Opposite?](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66207)  *NS.3.7a*  [Absolute Altitudes](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/59107)  *NS.3.8*  [Bike Lot Coordinates](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55428)  [Garden Area](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/59151)  [Garden Coordinates](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55427) |
| **Week 3 (Q2)**  **10/31 - 11/4** | **Apply and extend previous understandings of numbers to the system of rational numbers.**  [**MAFS.6.NS.3.7b**](http://www.cpalms.org/Public/PreviewStandard/Preview/5444) Calculator: No  Write, interpret, and explain statements of order for rational numbers in real-world contexts.  [**(unpacked)**](https://drive.google.com/open?id=15RSPTueOjWqz9svKxLqoYoHN0W40_4Ho7xjW7Bzn7Qc)  [**MAFS.6.NS.3.7c**](http://www.cpalms.org/Public/PreviewStandard/Preview/5444) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=15RSPTueOjWqz9svKxLqoYoHN0W40_4Ho7xjW7Bzn7Qc)  [**MAFS.6.NS.3.7d**](http://www.cpalms.org/Public/PreviewStandard/Preview/5444) Calculator: No  Distinguish comparisons of absolute value from statements about order.  [**(unpacked)**](https://drive.google.com/open?id=15RSPTueOjWqz9svKxLqoYoHN0W40_4Ho7xjW7Bzn7Qc) | **CMP3:**  **CPALMS Lessons:**  NS 3.7b,c - [Absolutely Integers](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/36958) | **MFAS:**  *NS.3.7b*  [Positions of Numbers](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57914)    *NS.3.7c*  [South Pole](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57916)  [Submarines](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57915)  *NS.3.7d*  [Visualizing Absolute Value](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/60887) |
| **Week 4 (Q2)**  **11/7 - 11/11** | **Apply and extend previous understandings of numbers to the system of rational numbers.**  [**MAFS.6.NS.3.7d**](http://www.cpalms.org/Public/PreviewStandard/Preview/5444) Calculator: No  Distinguish comparisons of absolute value from statements about order.  [**(unpacked)**](https://drive.google.com/open?id=15RSPTueOjWqz9svKxLqoYoHN0W40_4Ho7xjW7Bzn7Qc)  **FRIDAY 11/11 VETERAN’S DAY (NO SCHOOL)** | **CMP3:**    **CPALMS Lessons:** | **MFAS:** |
| **Week 5 (Q2)**  **11/14 - 11/25** | **Apply and extend previous understandings of arithmetic to algebraic expressions.**  [**MAFS.6.EE.1.1**](http://www.cpalms.org/Public/PreviewStandard/Preview/5446) Calculator: No  Write and evaluate numerical expressions involving whole-number exponents.  [**(unpacked)**](https://drive.google.com/open?id=10Bq4bkGL0lZts6n8odx6UhRju-7KAYt6skaA3E7_HQY)  **Write, read, and evaluate expressions in which letters stand for numbers.**  [**MAFS.6.EE.1.2a**](http://www.cpalms.org/Public/PreviewStandard/Preview/5447) Calculator: No  Write expressions that record operations with numbers and with letters standing for numbers.  [**(unpacked)**](https://drive.google.com/open?id=1P7eqCFjf7OZ-rV4P0qu330jknLOCsNmlJnoAx8N8JsI)  **SCHOOL** - 11/21 - 11/22 (2 Days)  **THANKSGIVING BREAK** - 11/23 thru 11/25 | **CMP3:**  PT: Inv. 3 (EE.1.1)  VAP: Inv. 3 (EE.1.2a)    **CPALMS Lessons:**  EE.1.1 - I[t's Hip 2b^2 eXponent^s](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/49190) | **MFAS:**  *EE.1.1*  [Cube House](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/59152)  [Evaluating Exponents](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57027)  [Exponent Priorities](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57032)  [Paul’s Pennies](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/59155)  *EE.1.2a*  [Parts of Expressions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62264) |
| **Week 6 (Q2)**  **11/28 - 12/2** | **Write, read, and evaluate expressions in which letters stand for numbers.**  [**MAFS.6.EE.1.2a**](http://www.cpalms.org/Public/PreviewStandard/Preview/5447) Calculator: No  Write expressions that record operations with numbers and with letters standing for numbers  [**(unpacked)**](https://drive.google.com/open?id=1P7eqCFjf7OZ-rV4P0qu330jknLOCsNmlJnoAx8N8JsI)  [**MAFS.6.EE.1.2b**](http://www.cpalms.org/Public/PreviewStandard/Preview/5447) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1cQ5PXe4XwxdABglePvrDncyVeX7Wm-Nf_ECJt3OAVqw) | **CMP3:**  VAP: Inv. 3/4(EE.1.2b)  **CPALMS Lessons:** EE.1.2 - [Expressions, Phrases and Word Problems, Oh My!](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/47911)  [Going The Distance](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/72625) | **MFAS:**  *EE.1.2a*  [Parts of Expressions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62264)  *EE.1.2b*  [Substitution Resolution](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62274) |
| **Week 7 (Q2)**  **12/5 - 12/9** | **Write, read, and evaluate expressions in which letters stand for numbers.**  [**MAFS.6.EE.1.2b**](http://www.cpalms.org/Public/PreviewStandard/Preview/5447) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1cQ5PXe4XwxdABglePvrDncyVeX7Wm-Nf_ECJt3OAVqw) | **CMP3:**  VAP: Inv. 3/4(EE.1.2b,c)  **CPALMS Lessons:** | **MFAS:**  *EE.1.2b*  [Substitution Resolution](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62274) |
| **Week 8 (Q2)**  **12/12 - 12/16**  **End of Qtr** | **EXAM WEEK**  **\*\*\*\*Christmas Break\*\*\*** -  12/19/15 thru 12/30/16 |  |  |
| ***End of Second Nine Week Exam*** | | | |
| ***Winter Break: December 19 - January 3*** | | | |
| ***Professional Day*** | | | |

**Additional Standards for 6th Grade ADVANCED:  The following standards should also be taught during the SECOND NINE WEEKS.**

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|  | **7.NS.1.1**  [MAFS.7.NS.1.1](http://www.cpalms.org/Public/PreviewStandard/Preview/5467) Calculator: Neutral  Apply and extend previous understandings of addition and subtraction to add and subtract rational  numbers; represent addition and subtraction on a horizontal or vertical number line diagram.  a. Describe situations in which opposite quantities combine to make 0. 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.  b. 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.  c. Apply properties of operations as strategies to add and subtract rational numbers.  [**(unpacked)**](https://drive.google.com/open?id=1YtAn0-GVZi7TwmbpLhideity2RCLWPTCof3TULRD2G4) | **RESOURCES**:  CMP3:  Accentuate The Negative  Inv 1 (Problems 24)  Inv 2 (Problems 23)  Inv 3 (Problems 24)  Inv 4 (Problems 12)  CPALMS:  7.NS.1.1 [Add It Up with TCharts](http://www.cpalms.org/Public/PreviewResource/Preview/49069) | **ASSESSMENT:**  MFAS:  7.NS.1.1  [Finding the Difference](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57171)  [Exploring Additive Inverse](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56078)  [Adding Integers](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56079)  [Rational Addition and Subtraction](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56080) |
|  | **7.NS.1.2**  [MAFS.7.NS.1.2](http://www.cpalms.org/Public/PreviewStandard/Preview/5468) Calculator: No  Apply and extend previous understandings of multiplication and division and of fractions to multiply and  divide rational numbers.  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.  b. Understand that integers can be divided, provided that the divisor is not zero, and every quotient  of integers (with nonzero  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.  c. Apply properties of operations as strategies to multiply and divide rational numbers.  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.  [**(unpacked)**](https://drive.google.com/open?id=1hwYZzn3VpmlhxGpFXsR4oIgNoUJv4HCAGEvlQj2Yc2Y) | **RESOURCES**:  **CPALMS**  7.NS.1.2 [Equivalent Expressions](http://www.cpalms.org/Public/PreviewResource/Preview/55124)  [**Jeopardy Game (7.NS.1.1/1.2)**](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/32096) | **ASSESSMENTS**:  MFAS:7.NS.1.2  [Applying Rational Number Properties](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57164)  [Negative Times](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57094)  [Finding Decimals Using Long Division](http://www.cpalms.org/Public/PreviewResource/Preview/57170)  [Quotients of Integers](http://www.cpalms.org/Public/PreviewResource/Preview/57151)  [Understanding Products](http://www.cpalms.org/Public/PreviewResource/Preview/57060) |
|  | **7.NS.1.3**  [MAFS.7.NS.1.3](http://www.cpalms.org/Public/PreviewStandard/Preview/5469) Calculator: No  Solve reaL world and mathematical problems involving the four operations with rational numbers.  [**(unpacked)**](https://drive.google.com/open?id=1jHGmiM7duVSLXeL4F1-B8B-u7R4mXX8_E97cF2ZQCxs) | **RESOURCES**:  **CPALMS**  [All Around Fences](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/49072) | **ASSESSMENTS**:  MFAS.7.NS.1.3  [Trail Mix Munchies](http://www.cpalms.org/Public/PreviewResource/Preview/58120)  [A Rational Number Expression](http://www.cpalms.org/Public/PreviewResource/Preview/58120)  [Monitoring Water Temperatures](http://www.cpalms.org/Public/PreviewResource/Preview/58108) |

**Third Nine Weeks**

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| **Sequence** | **Standard Description** | **Resources** | **Assessment** |
| **Week 1 (Q3)**  **1/2 - 1/6** | **MONDAY 1/2**- Professional Day  **Write, read, and evaluate expressions in which letters stand for numbers.**  [**MAFS.6.EE.1.2c**](http://www.cpalms.org/Public/PreviewStandard/Preview/5447) Calculator: No  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).  [**(unpacked)**](https://drive.google.com/open?id=1213JvmlMkd3hFiBQSK7ONeDdQ5gTFOZLNShbgcXTXf4) | **CMP3:**  VAP: Inv. 3/4(EE.1.2c)  **CPALMS Lessons:** | [**MATH ITEM SPECIFICATIONS**](http://fsassessments.org/wp-content/uploads/2015/03/Grade-6-Math-Test-Item-Specifications.pdf)  **MFAS:**  *EE.1.2c*  [Writing Expressions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57917) |
| **Week 2 (Q3)**  **1/9 - 1/13** | **Write, read, and evaluate expressions in which letters stand for numbers.**  [**MAFS.6.EE.1.2c**](http://www.cpalms.org/Public/PreviewStandard/Preview/5447) Calculator: No  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).  [**(unpacked)**](https://drive.google.com/open?id=1213JvmlMkd3hFiBQSK7ONeDdQ5gTFOZLNShbgcXTXf4)  **Apply and extend previous understandings of arithmetic to algebraic expressions.**  [**MAFS.6.EE.1.3**](http://www.cpalms.org/Public/PreviewStandard/Preview/5448) Calculator: No  Apply the properties of operations to generate equivalent expressions.  [**(unpacked)**](https://drive.google.com/open?id=1_HKlbdP_JEcLEwfGA7aEX-GF_6gSsR7UznRromnxM3g) | **CMP3:**  VAP: Inv. 4 (EE.1.3)  PT: Inv. 4 (Distributive Property)    **CPALMS Lessons:**  EE.1.3 **-** [Collectively Collecting](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/51196) | **MFAS:**  *EE.1.3*  [Associative and Commutative Expressions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65256)  [Equal Sides, Equivalent Expressions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65224)  [Generating Equivalent Expressions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65222) |
| **Week 3 (Q3)**  **1/16 - 1/20** | **MONDAY 1/16**- No School (M.L. King Day)  **Apply and extend previous understandings of arithmetic to algebraic expressions.**  [**MAFS.6.EE.1.4**](http://www.cpalms.org/Public/PreviewStandard/Preview/5449)Calculator: No  Identify when two expressions are equivalent (i.e., when the two expressions name the same number regardless of which value is substituted into them).  [**(unpacked)**](https://drive.google.com/open?id=1pN_K_M76kPn0wpbafC2pyFouo3P82LHzI0aHDB42ib8)  **Reason about and solve one-variable equations and inequalities.**  [**MAFS.6.EE.2.5**](http://www.cpalms.org/Public/PreviewStandard/Preview/5450)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1jQhwm7dJUBfLxkKvikFvrwDnJVR23jx24nqbhNPe8i0) | **CMP3:**  VAP: Inv. 4 (EE.1.4, EE.2.5)  **CPALMS Lessons:**  EE.1.4 - [Have You Met Your Match?](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/49255)  EE.2.5 - [How much was lunch?](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/47447) | **MFAS:**  *EE.1.4*  [Equivalent Exponents](http://www.cpalms.org/Public/PreviewResource/Preview/65256)  [Equivalent Expressions](http://www.cpalms.org/Public/PreviewResource/Preview/65260)  [Identifying Equivalent Expressions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65242)  [Property Combinations](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65263)  *EE.2.5*  [Finding Solutions of Equations](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/58069)  [Finding Solutions of Inequalities](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/69343)  [Solutions of Equations](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/69343)  [Solutions of Inequalities](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/59157) |
| **Week 4 (Q3)**  **1/23 - 1/27** | **Reason about and solve one-variable equations and inequalities.**  [**MAFS.6.EE.2.6**](http://www.cpalms.org/Public/PreviewStandard/Preview/5451)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1cFnIJ__SZAzn6mCwMpcXElyws1zvgtO25xDfIW-aoTs) | **CMP3:**  VAP: Inv. 2, 3 (EE.2.6)  **CPALMS Lessons:**  EE.2.6 - [Bake Sale](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/48087) | **MFAS:**  *EE.2.6*  [Gavin’s Pocket](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62295)  [Writing Real-World Expressions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62294) |
| **Week 5 (Q3)**  **1/30 - 2/3** | **Reason about and solve one-variable equations and inequalities.**  [**MAFS.6.EE.2.7**](http://www.cpalms.org/Public/PreviewStandard/Preview/5452)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1NASwEnxJvPMhiO5lZKyVKLGxqifIJ9zflK3BVuCigSM)  [**MAFS.6.EE.2.8**](http://www.cpalms.org/Public/PreviewStandard/Preview/5453)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=16ckVWv222WDlsjaCFV8kQacCv1pWO7hqR66OpiT4gCQ) | **CMP3:**  VAP: Inv. 4 (EE.2.7 and 2.8)  **CPALMS Lessons:**  EE.2.7 - [Equations with a Deck of Cards](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/49005)  EE.2.8 - [Writing Inequalities to Represent Situations](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/27913) | **MFAS:**  *EE.2.7*  [Center Section](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65264)  [Equally Driven](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/63354)  [Solar Solutions](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66211)  [University Parking](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65266) |
| **Week 6 (Q3)**  **2/6 - 2/10** | **Reason about and solve one-variable equations and inequalities.**  [**MAFS.6.EE.2.8**](http://www.cpalms.org/Public/PreviewStandard/Preview/5453)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=16ckVWv222WDlsjaCFV8kQacCv1pWO7hqR66OpiT4gCQ)  **Represent and analyze quantitative relationships between dependent and independent variables.**  [**MAFS.6.EE.3.9**](http://www.cpalms.org/Public/PreviewStandard/Preview/5454)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1fK3uurA6l7tZFyKYfubP7vhWQk7AOV0bY6lDye9OT2w) | **CMP3:**  VAP: Inv. 1 and 3 (EE.3.9)  **CPALMS Lessons:**  EE.3.9 -  [Chairs Around the Table](http://www.cpalms.org/Public/PreviewResourceUrl/Preview/9841) | **MFAS:**  *EE.2.8*  [Acres and Altitudes](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/58073)  [Rational Number Lines](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/58076)  [Roadway Inequalities](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/58074)  [Transportation Number Lines](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/58074)  *EE.3.9*  [Analyzing The Relationship](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/63038)  [Bicycling Equations](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/62957)  [Grinding Equations](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/63037)  [Table To Equation](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/63272) |
| **Week 7 (Q3)**  **2/13 - 2/17** | **Solve real-world and mathematical problems involving area, surface area, and volume.**  [**MAFS.6.G.1.1**](http://www.cpalms.org/Public/PreviewStandard/Preview/5455)Calculator: No  Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply  [**(unpacked)**](https://drive.google.com/open?id=1Ww9H1TO3BCbkjIPldrPJO3TOsWfY6N-ryBvYglCR7cY) | **CMP3:**  CAS Inv. 2 and 3 (G.1.1  **CPALMS Lessons:**  G.1.1 - [Finding Area with Hands-On Measurement](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/48703) | **MFAS:**  *G.1.1*  [Lost Key](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65101)  [Swimming Pool Walkway](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65102)  [Area of Kite](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65099)  [Area of Quadrilaterals](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/64905)  [Area of Triangles](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/64895) |
| **Week 8 (Q3)**  **2/20 - 2/24** | **MONDAY** - No School (President’s Day)  **Solve real-world and mathematical problems involving area, surface area, and volume.**  [**MAFS.6.G.1.1**](http://www.cpalms.org/Public/PreviewStandard/Preview/5455)Calculator: No  Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply  [**(unpacked)**](https://drive.google.com/open?id=1Ww9H1TO3BCbkjIPldrPJO3TOsWfY6N-ryBvYglCR7cY)  [**MAFS.6.G.1.3**](http://www.cpalms.org/Public/PreviewStandard/Preview/5457)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1sbkTfWNBOqluoARAxARDOpXJS3MiZo9KIvSKhTQcDG0) | **CMP3:**  CAS Inv. 2 and 3 (G.1.1)  CAS Inv. 3 (G.1.3)  CAS Inv. 3 (G.1.3)    **CPALMS Lessons:**  G.1.1 - [Finding Area with Hands-On Measurement](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/48703)  G.1.3 - [Plotting Polygons](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/48759) | **MFAS:**    *G.1.3*  [Polygon Coordinates](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66217)  [Polygon Grid](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66216)  [Fence Length](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66214)  [Patio Area](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66218) |
| **Week 9 (Q3)**  **2/27 - 3/3** | **Solve real-world and mathematical problems involving area, surface area, and volume.**  [**MAFS.6.G.1.4**](http://www.cpalms.org/Public/PreviewStandard/Preview/5458)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1hjZSqwjelNR6mkPYhNMGEw7oMLbzHAANrdPpc0xEI98)  [**MAFS.6.G.1.2**](http://www.cpalms.org/Public/PreviewStandard/Preview/5456)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1duhWZpOcalbSlKY-k1Z6ObfSS4cxr6LK-VVGoRm5Sk4)  **Use ratio and rate reasoning to solve real-world and mathematical problems.**  [**MAFS.6.RP.1.3e**](http://www.cpalms.org/Public/PreviewStandard/Preview/5437) Calculator: No  Understand the concept of Pi as the ratio of the circumference of a circle to its diameter.  [**(unpacked)**](https://drive.google.com/open?id=1J8b-mL2g5mxS9rXi6jXe2NOaNJ1woxJUozophHanFYs) | **CMP3**  CAS Inv. 4 (Problem 1 and 3-G.1.4)  CAS Inv. 4 (Problem 2 - G.1.2)  **CPALMS Lessons:**  G.1.4 - [Formula Detective](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/26225)  G.1.4 - [Box It Up, Wrap It Up](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/48827)  G.1.2 - [How Many Rubik's Cubes Can You Pack?](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/48810) | **MFAS:**  *G.1.4*  [Pyramid Project](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66230)  [Rust Protection](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67889)  [Skateboard Ramp](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66229)  [Windy Pyramid](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67888)    *G.1.2*  [Bricks](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67879)  [Clay Blocks](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67875)  [Moving Truck](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67881)  [Prism Packing](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67873)    *RP.1.3e*  [The Meaning of Pi](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/122539) |
| **Week 10 (Q3)**  **3/6 - 3/10**  **End of Qtr** | **EXAM WEEK**  **FRIDAY 3/10** - Professional Day |  |  |
| ***End Third Nine Week Exam*** | | | |
| ***Professional Day*** | | | |
| ***Spring Break: March 12 - March 20*** | | | |

**Additional Standards for 6th Grade ADVANCED:  The following standards should also be taught during the THIRD NINE WEEKS.**

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|  | **7.EE.1.1**  [MAFS.7.EE.1.1](http://www.cpalms.org/Public/PreviewStandard/Preview/5470) Calculator: Yes  Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with  rational coefficients.  [**(unpacked)**](https://drive.google.com/open?id=1VUK-viB97HYlJB4TbzLaszcYtLFuQFxIxc4kVjFSds0) | **RESOURCES**:  Moving Straight Ahead  Inv 3 (Problem 1,4)  **CPALMS**  [Steps for Solving Equations](http://www.cpalms.org/Public/PreviewResource/Preview/32456) | **MFAS Tasks:**:  [Equivalent Rational Expressions](http://www.cpalms.org/Public/PreviewResource/Preview/65767)  [Equivalent Perimeters](http://www.cpalms.org/Public/PreviewResource/Preview/65771)  [Identify Equivalent Multistep Expressions](http://www.cpalms.org/Public/PreviewResource/Preview/58270)  [Factored Forms](http://www.cpalms.org/Public/PreviewResource/Preview/58276) |
|  | **7.EE.1.2**  [MAFS.7.EE.1.2](http://www.cpalms.org/Public/PreviewStandard/Preview/5471) Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1C6JDAYkrSRjs8YIVSus2X74NjBDY7juZfoHYsbcYoig) | **RESOURCES**:  **CPALMS**  [Equivalent Expressions](http://www.cpalms.org/Public/PreviewResource/Preview/55124) | **MFAS Tasks**:  [Explain Equivalent Expressions](http://www.cpalms.org/Public/PreviewResource/Preview/66121)  [Rectangle Expressions](http://www.cpalms.org/Public/PreviewResource/Preview/66122) |
|  | **7.EE.2.3**  [MAFS.7.EE.2.3](http://www.cpalms.org/Public/PreviewStandard/Preview/5472) Calculator: Yes  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.  [**(unpacked)**](https://drive.google.com/open?id=1AvxvuvLVjsJsKZvLSFT-TbebNOXB0jeT5qKK185EVj4) | **RESOURCES**:  **CPALMS:**  [Bargain Town](http://www.cpalms.org/Public/PreviewResource/Preview/4016) | **MFAS  Tasks**:  [Alexa’s Account](http://www.cpalms.org/Public/PreviewResource/Preview/57173)  [Gas Station Equations](http://www.cpalms.org/Public/PreviewResource/Preview/57175)  [Reeling in Expressions](http://www.cpalms.org/Public/PreviewResource/Preview/58277)  [Discount and Tax](http://www.cpalms.org/Public/PreviewResource/Preview/58278)  [Using Estimation](http://www.cpalms.org/Public/PreviewResource/Preview/60895) |
|  | **7.EE.2.4**  [MAFS.7.EE.2.4](http://www.cpalms.org/Public/PreviewStandard/Preview/5473) Calculator: Yes  Use variables to represent quantities in a real world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.  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.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.  [**(unpacked)**](https://drive.google.com/open?id=1XFhipaXA2_fHjLOgFTYizkrqiWInw2k9NbWNsvuxRoA) | **RESOURCES**:  **CPALMS:**  [Gummy vs Gum](http://www.cpalms.org/Public/PreviewResource/Preview/7633) | **MFAS  Tasks:**:  [Squares](http://www.cpalms.org/Public/PreviewResource/Preview/58294)  [Solve Equations](http://www.cpalms.org/Public/PreviewResource/Preview/60900)  [Write and Solve an Equation](http://www.cpalms.org/Public/PreviewResource/Preview/60910)  [Algebra or Arithmetic](http://www.cpalms.org/Public/PreviewResource/Preview/60912)  [Recycled Inequalities](http://www.cpalms.org/Public/PreviewResource/Preview/60915)  [Write, Solve and Graph an Inequality](http://www.cpalms.org/Public/PreviewResource/Preview/60917)  [Gift Card Inequality](http://www.cpalms.org/Public/PreviewResource/Preview/60919) |

**Fourth Nine Weeks**

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| **Sequence** | **Standard Description** | **Resources** | **Assessment** |
| **Week 1 (Q4)**  **3/20 - 3/24** | **Develop understanding of statistical variability.**  [**MAFS.6.SP.1.1**](http://www.cpalms.org/Public/PreviewStandard/Preview/5459)Calculator: No  Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers. For example, “How old am I?” is not a statistical question, but “How old are the students in my school?” is a statistical question because one anticipates variability in students’ ages.  [**(unpacked)**](https://drive.google.com/open?id=1iED6mKwuHTwIuOEyuBIPyHsyUUaTSBoNGu6dHO2wMlY)  [**MAFS.6.SP.1.2**](http://www.cpalms.org/Public/PreviewStandard/Preview/5460)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=15VY45Z7brRodgkxMq3aWnCQyTcUpZFG1zRp7K8BY6i8)  [**MAFS.6.SP.1.3**](http://www.cpalms.org/Public/PreviewStandard/Preview/5461)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=1iPAjeDHRgPdlGIVNCGINbZKON-qzWjvGcFNjSmFcWVw) | **CMP3:**  DAU: Inv. 1 and 2 (SP.1.2)  DAU: Inv. 2 and 3 (SP.1.3)  **CPALMS Lessons:**  SP.1.1 - [Statistical Question Sort](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/71616)  SP.1.2 - [Comparing and Contrasting Data Sets Using Measures of Center and Spread](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/71159)  SP.1.3 - [Backpack Weight](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/71622) | [**MATH ITEM SPECIFICATIONS**](http://fsassessments.org/wp-content/uploads/2015/03/Grade-6-Math-Test-Item-Specifications.pdf)  **MFAS:**  *SP.1.1*  [Questions About a Class](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66197)  [TV Statistics](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66198)  *SP.1.2*  [Math Test Center](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65107)  [Math Test Shape](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65110)  [Math Test Spread](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65108)  [Pet Frequency](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/65103)  *SP.1.3*  [Compare Measures of Center and Variability](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67866)  [Explain Measures of Center](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67484)  [Explain Measures of Variability](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67520) |
| **Week 2 (Q4)**  **3/27 - 3/31** | **Summarize and describe distrubutions.**  [**MAFS.6.SP.2.4**](http://www.cpalms.org/Public/PreviewStandard/Preview/5462)Calculator: No  Display numerical data in plots on a number line, including dot plots, histograms, and box plots.  [**(unpacked)**](https://drive.google.com/open?id=185qx0uXwkiIl7iZXsilgB5jPbwVJMu7LPhd0f_EMCmg)  **Summarize numerical data sets in relation to their context, such as by:**  [**MAFS.6.SP.2.5a**](http://www.cpalms.org/Public/PreviewStandard/Preview/5463)Calculator: No  Reporting the number of observations.  [**(unpacked)**](https://drive.google.com/open?id=1q7eL9VO_FPZ1HP0XAsUWRO0yhKXUXIDHkGFkLk06-Do)  [**MAFS.6.SP.2.5b**](http://www.cpalms.org/Public/PreviewStandard/Preview/5463) Calculator: No  Describing the nature of the attribute under investigation, including how it was measured and its units of measurement.  [**(unpacked)**](https://drive.google.com/open?id=1q7eL9VO_FPZ1HP0XAsUWRO0yhKXUXIDHkGFkLk06-Do) | **CMP3:**  DAU: Inv. 4 (Box Plots/Histograms)  SP.2.4  DAU: Inv. 1 (line/dot plots) SP.2.4  **CPALMS Lessons:** SP.2.4 - [Box Plots are Easy!!](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/51904)  SP.2.4 - [Dot Plots and Histograms](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/71617)  SP.2.5 - [Decisions, Decisions!](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/49174)  SP.2.5 - [Basketball All Star Team](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/70109) | **MFAS:**  *SP.2.4*  [Basketball Histogram](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66201)  [Chores Data](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66780)  [Shark Attack Data](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66779)  *SP.2.5a*  [Analyzing Physical Activity](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66234)  *SP.2.5b*  [Florida Lakes](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67205) |
| **Week 3 (Q4)**  **4/3 - 4/7** | **Summarize numerical data sets in relation to their context, such as by:**  [**MAFS.6.SP.2.5c**](http://www.cpalms.org/Public/PreviewStandard/Preview/5463)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=18QLakGCzUXwn742jdehq4CiewuZIOFOt5AS7bxzDcWc)  [**MAFS.6.SP.2.5d**](http://www.cpalms.org/Public/PreviewStandard/Preview/5463)Calculator: No  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.  [**(unpacked)**](https://drive.google.com/open?id=18QLakGCzUXwn742jdehq4CiewuZIOFOt5AS7bxzDcWc) |  | *SP.2.5c*  [Quiz Mean and Deviation](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/67207)    *SP.2.5d*  [Select the Better Measure](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/66235) |
| **Week 4 (Q4)**  **4/10 - 4/14** | **FSA Exams:**Paper Based Accommodations; Grades 5 - 8  **FSA Exams:**Computer Based; Grades 5 - 8 |  | [FSA Practice](http://www.fsassessments.org/training-tests) |
| **Week 5 (Q4)**  **4/17 - 4/21** | **FSA Exams:**Paper Based Accommodations; Grades 5 - 8  **FSA Exams:**Computer Based; Grades 5 - 8 |  | [PARCC Practice](http://parcc.pearson.com/practice-tests/math/) |
| **Week 6 (Q4)**  **4/24 - 4/28** | **FSA Exams:**Computer Based; Grades 5 - 8 |  |  |
| **Week 7 (Q4)**  **5/1 - 5/5** | **FSA Exams:**Computer Based; Grades 5 - 8 |  |  |
| **Week 8 (Q4)**  **5/8 - 5/12** | [**MAFS.7.NS.1.1**](http://www.cpalms.org/Public/PreviewStandard/Preview/5467) **Calculator: Neutral**  Apply and extend previous understandings of addition and subtraction to add and subtract rational  numbers; represent addition and subtraction on a horizontal or vertical number line diagram.  a. Describe situations in which opposite quantities combine to make 0. 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 realworld  contexts.  b. 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 realworld  contexts.  c. Apply properties of operations as strategies to add and subtract rational numbers.  [**(unpacked)**](https://drive.google.com/open?id=1GpPIfjsDXncURwVRZo16ji9rrA0hAi1tZvJ2mekosU0) | **CMP3:**  Accentuate The  Negative  Inv 1 (Problems 24)  Inv 2 (Problems 23)  Inv 3 (Problems 24)  Inv 4 (Problems 12)  **CPALMS Lessons:**  NS.1.1 - [Add It Up with TCharts](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/49069) | **MFAS Tasks:**  **NS.1.1**  [Finding the Difference](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57171)  [Exploring Additive Inverse](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56078)  [Adding Integers](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56079)  [Rational Addition and](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56080)  [Subtraction](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/56080) |
| **Week 9 (Q4)**  **5/15 - 5/19** | [**MAFS.7.NS.1.2**](http://www.cpalms.org/Public/PreviewStandard/Preview/5468) **Calculator: No**  Apply and extend previous understandings of multiplication and division and of fractions to multiply  and divide rational numbers.  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 realworld  contexts.  b. Understand that integers can be divided, provided that the divisor is not zero, and every  quotient of integers (with nonzero  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 realworld  contexts.  c. Apply properties of operations as strategies to multiply and divide rational numbers.  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.  [**(unpacked)**](https://drive.google.com/open?id=1kY2FMXc8P5cM0QMVTmDVq5MH22PDaNxZdd_2FQdxGFA) | **NS.1.2**  Multiplication of Positive  and Negative Numbers | **NS.1.2**  [Applying Rational Number Properties](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57164)  [Negative Times](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57094)  [Find Decimals Using Long Division](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/57170) |
| **Week 10 (Q4)**  **5/22 - 5/25** | [**MAFS.7.RP.1.1**](http://www.cpalms.org/Public/PreviewStandard/Preview/5464) **Calculator: Yes**  Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other  quantities measured in like or different units.  [**(unpacked)**](https://drive.google.com/open?id=158LSV6pQcJQut6SR-m-V_MANDYcl-d_3GG8nhVLoO5w)  **Thursday, 5/25 LAST DAY OF SCHOOL!!!!** | **CPALMS Lesson:**  RP 1.1 - [Basketball Tournament](http://www.cpalms.org/Public/PreviewResourceLesson/Preview/69712) | **RP.1.1:**  [Comparing Unit Rates](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55437)  [Computing Unit Rates](http://www.cpalms.org/Public/PreviewResourceAssessment/Preview/55436) |
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| ***End of Fourth Nine Weeks*** | | | |
| ***End of School Year*** | | | |