# Week of March 17, 2024

| Monday | Tuesday | Wednesday | Thursday | Friday |
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| G-SRT.7, G-SRT.8 **Geometry** Section 8.1: pg. 288-289 #2-38even Section 8.2: pg. 292-293 #1-10all, 19-23all  **Objective:** Students will determine the geometric mean between two numbers and use the Pythagorean Theorem to solve for missing lengths in a right triangle. | F.IF.1, F.IF.4, F.IF.6, F.IF.7.a **Algebra** Section 6.7 Worksheet Section 6.8 Worksheet  **Objective:** Students will find the range of a function by evaluating it for a specific domain. Students will also graph quadratic equations and find their vertex, axis of symmetry, and minimum or maximum values. | **Geometry** Section 8.3: pg. 297 #1-8all, 11-14all  **Algebra** Review (6.6 - 6.8) | G-SRT.7, G-SRT.8 **Geometry** Section 8.4: pg. 302-303 #2-18even, 21, 32 Review (8.1 - 8.4)  **Objective:** Students will determine the lengths of two sides of a 45-45-90 or a 30-60-90 triangle when the length of the third side is known. | F.IF.1, F.IF.4, F.IF.6, F.IF.7.a **Algebra** Quiz (6.6 - 6.8) Section 6.9 Worksheet  **Objective:** Students will find domain and range of a function, graph line plots and bar graphs, evaluate functions, and graph quadratic functions in the coordinate plane. |
| F.IF.7, F.IF.7.d, F.BF.4, F.BF.4.b, F.BF.4.c, F.BF.4.d **Precalculus** Section 2.6 Worksheet  **Objective:** Students will find a linear model that approximates data, find direct variation, and write a mathematical model that represents the information given. | 8.EE.8.a, 8.EE.8.b, 8.F.1, 8.F.2, 8.F.3 **8th Math** Section 5.8 Worksheet  **Objective:** Students will graph inequalities in the coordinate plane and shade their solution. | **Precalculus** Quiz (2.4 - 2.6)  **8th Math** Review (5.6 - 5.8) | F.IF.7, F.IF.7.d, F.BF.4, F.BF.4.b, F.BF.4.c, F.BF.4.d **Precalculus** Review (Chapter 2) Chapter 2 Test  **Objective:** Students will determine functions, evaluate functions, find domains of functions, determine intervals of a function, determine if a function is odd, even, or neither, perform operations on functions, find inverse functions, and write a mathematical model representing a statement. | 8.EE.8.a, 8.EE.8.b, 8.F.1, 8.F.2, 8.F.3 **8th Math** Quiz (5.6 - 5.8)  **Objective:** Students will solve systems of equations by graphing and using the substitution method. Students will also graph inequalities in the coordinate plane and shade their solution. |
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| G-SRT.7, G-SRT.8<br>**Geometry**<br>Section 8.1: pg. 288-289 #2-38even<br>Section 8.2: pg. 292-293 #1-10all, 19-23all<br><br>**Objective:** Students will determine the geometric mean between two numbers and use the Pythagorean Theorem to solve for missing lengths in a right triangle. | F.IF.4, F.IF.5, F.IF.7.b, F.IF.7.c<br>**Algebra 2**<br>Review (5.1 - 5.3)<br>Quiz (5.1 - 5.3)<br><br>**Objective:** Students will find the slope of an equation, write the equation of a line in slope-intercept form, find the vertex of a quadratic function, and find the minimum/maximum points of a quadratic function. | **Geometry**<br>Section 8.3: pg. 297 #1-8all, 11-14all<br><br>**Algebra 2**<br>Section 5.4 Worksheet | G-SRT.7, G-SRT.8<br>**Geometry**<br>Section 8.4: pg. 302-303 #2-18even, 21, 32<br>Review (8.1 - 8.4)<br><br>**Objective:** Students will determine the lengths of two sides of a 45-45-90 or a 30-60-90 triangle when the length of the third side is known. | F.IF.4, F.IF.5, F.IF.7.b, F.IF.7.c<br>**Algebra 2**<br>Section 5.5 Worksheet<br><br>**Objective:** Students will graph transformations in the coordinate plane. |
| **Prep** | **SRB** | **Prep**<br><br>**WIN** | **Prep** | **SRB** |