

Test Learning Targets 2014

- ❖ Chapter 1
 1. Evaluate expressions using Order of Operations.(Lesson 1-1)
 2. Translate and evaluate algebraic expressions.(Lesson 1-2)
 3. Identify the Commutative, Associative, Identity, and Zero Properties.(Lesson 1-3)

- ❖ Chapter 2
 1. Read and write Integers. Find absolute value.(Lesson 2-1)
 2. Add and subtract Integers.(Lesson 2-2 & 2-3)
 3. Multiply and divide Integers.(Lesson 2-4 & 2-5)

- ❖ Chapter 3
 1. Convert fractions and decimals.(Lesson 3-1)
 2. Identify and classify the sets of Real Numbers.(Lesson 3-2/10-2)
 3. Multiply positive and negative fractions.(Lesson 3-3)
 4. Divide positive and negative fractions.(Lesson 3-4)

- ❖ Chapter 4
 1. Use the Distributive Property to write equivalent expressions.(Lesson 4-1)
 2. Use the Distributive Property to simplify algebraic expressions.(Lesson 4-2)
 3. Solve 1-step addition and subtraction equations.(Lesson 4-3)
 4. Solve 1-step multiplication and division equations.(Lesson 4-4)
 5. Solve 2-step equations.(Lesson 4-5)
 6. Solve multi-step equations.(Lesson 4-5, enriched)
 7. Write and solve equations for story problems.(Lesson 4-6)

- ❖ Chapter 5
 1. Solve equations with variables on both sides of the equal sign.(Lesson 5-2)
 2. Write and Graph inequalities.(Lesson 5-3)
 3. Solve and graph inequalities.(Lesson 5-4)
 4. Solve multi-step equations and inequalities.(Lesson 5-5)

- ❖ Chapter 6
 1. Write and simplifying ratios.(Lesson 6-1)
 2. Find and compare unit rates.(Lesson 6-2)
 3. Identify proportional and non-proportional relationships in tables and graphs.(Lesson 6-4)
 4. Solve proportions and apply them to real-life situations.(Lesson 6-5)
 5. Use a scale drawing. (Lesson 6-6)
 6. Find missing measures of similar figures and use scale factors to solve problems.(Lesson 6-7)
 7. Identify similar solids and find the missing measures. (Lesson 12-8)

- ❖ Chapter 7
 1. I will be able to convert between fractions and decimals.(Lesson 7-1)
 2. I will be able to convert between fractions, and percents.(Lesson 7-1)
 3. I will be able to convert between percents and decimals.(Lesson 7-2)
 4. I will be able to convert among fractions, decimals, and percents.(Lesson 7-2)
 5. I will be able to solve percent problems using proportions.(Lesson 7-3)
 6. I will be able to solve percent problems using equations.(Lesson 7-5)

Test Learning Targets 2014

7. I will be able to find the percent of increase and decrease and apply to real-world situations.(Lesson 7-6)
 8. I will be able to practice finding the percent of increase and decrease and applying to real – world situations.(Lesson 7-6)
 9. I will be able to construct a circle graph and analyze to solve real-world problems.(Lesson 7-8)
- ❖ Chapter 8-Part 1
1. Determine whether a relation is a function. (Lesson 8-1)
 2. Determine whether a function is linear or non-linear. (Lesson 9-7)
 3. Complete and graph a function table. (Lesson 8-3/Lesson 1-5)
 4. Find and solve rate of change problems. (Lesson 8-4)
 5. Identify proportional and non-proportional relationships by finding a constant rate of change. (Lesson 8-5a)
 6. Solve problems involving direct variation. (Lesson 8-5b)
 7. Find the slope of a line. (Lesson 8-6)
 8. Find and graph the slope and y-intercept of a line. (Lesson 8-7)
 9. Write equations given the slope and y-intercept, a graph, a table, or 2 points. (Lesson 8-8)
 10. Solve systems of linear equations by graphing and substitution.(Lesson 8-10)
 11. Consistent vs Inconsistent, Dependent vs Independent on Systems. (Lesson 8-10 Supp 1)
 12. Solve systems by elimination. (Lesson 8-10 Supp 2)
 13. Solve systems for word problems by graphing. (Lesson 8-10 Supp 3)
 14. Solve systems for word problems by substitution. (Lesson 8-10 Supp 4)
 15. Solve systems for word problems by elimination. (Lesson 8-10 Supp 5)
- ❖ Chapter 9
1. I will be able to write expression using exponents and evaluate them.(Lesson 9-1)
 2. I will be able to prime factors numbers. (Lesson 9-2)
 3. I will be able to multiply and divide monomials. (Lesson 9-3)
 4. I will be able to write expressions using negative exponents and evaluate them. (Lesson 9-4)
 5. I will be able to evaluate expressions using positive and negative exponents. (Lesson 9-3 & 9-4)
 6. I will be able to write numbers in standard form and in scientific notation. (Lesson 9-5)
 7. I will be able to compare and order numbers written in scientific notation. (Lesson 9-5)
 8. I will be able to practice writing numbers in standard form and in scientific notation. (Lesson 9-5)
 9. I will be able to practice comparing and ordering numbers written in scientific notation. (Lesson 9-5)
 10. I will be able to find the power of a power and a power of a product. (Lesson 9-6)
- ❖ Chapter 10
1. I will be able to find and estimate and find square roots.(Lesson 10-1)
 2. I will be able to use the Pythagorean Theorem to find the length of a side of a right triangle.(Lesson 10-4)
 3. I will be able to use the converse of the Pythagorean Theorem to determine whether a triangle is a right triangle.(Lesson 10-4)
 4. I will be able to practice using the Pythagorean Theorem to find the length of a side of a right triangle.(Lesson 10-4)
 5. I will be able to practice using the converse of the Pythagorean Theorem to determine whether a triangle is a right triangle.(Lesson 10-4)

Test Learning Targets 2014

6. I will be able to use the Distance Formula to find the distance between 2 points on a coordinate plane and to figures on the coordinate plane.(Lesson 10-5)
7. I will be able to practice using the Distance Formula to find the distance between 2 points on a coordinate plane and to figures on the coordinate plane.(Lesson 10-5)
8. I will be able to find missing measures in a 45/45/90 triangle and 30/60/90 triangle.(Lesson 10-6)
9. I will be able to practice finding missing measures in a 45/45/90 triangle and 30/60/90 triangle.(Lesson 10-6)

❖ Chapter 11

1. I will be able to examine relationships between pairs of angles.(Lesson 11-1)
2. I will be able to examine relationships of angles formed by parallel lines and a transversal.(Lesson 11-1)
3. I will be able to practice examining relationships between pairs of angles.(Lesson 11-1)
4. I will be able to practice examining relationships of angles formed by parallel lines and a transversal.(Lesson 11-1)
5. I will be able to find the missing angle measures of a quadrilateral and classify the quadrilateral.(Lesson 11-4)
6. I will be able to classify polygons and determine the sum of the measures of the interior angles.(Lesson 11-5)
7. I will be able to find the areas of parallelograms, trapezoids, and triangles.(Lesson 11-6)
8. I will be able to find the circumference of circles and solve real world problems involving circumference.(Lesson 11-7)
9. I will be able to find the areas of circles and sectors.(Lesson 11-8)
10. I will be able to find the area of composite figures and solve problems involving area of composite figures.(Lesson 11-9)
11. I will be able to practice finding the area of composite figures and solve problems involving area of composite figures.(Lesson 11-9)
12. I will be able to construct a tessellation.(Lesson 11-2,3,4)

❖ Chapter 12

1. I will be able to identify 3-dimensional figures.(Lesson 12-1)
2. I will be able to describe and draw vertical, horizontal, and angled cross sections of 3-dimensional figures.(Lesson 12-1)
3. I will be able to practice identifying 3-dimensional figures.(Lesson 12-1)
4. I will be able to practice describing and drawing vertical, horizontal, and angled cross sections of 3-dimensional figures.(Lesson 12-1)
5. I will be able to find the volume of prisms and composite figures.(Lesson 12-2)
6. I will be able to practice finding the volume of prisms and composite figures.(Lesson 12-2)
7. I will be able to find the volume of a cylinder.(Lesson 12-3)
8. I will be able to find the volume of pyramids, cones, and spheres.(Lesson 12-4)
9. I will be able to practice finding the volume of pyramids, cones, and spheres.(Lesson 12-4)
10. I will be able to find the lateral area and surface area of prisms.(Lesson 12-5)
11. I will be able to find surface area of real world shaped objects like prisms.(Lesson 12-5)
12. I will be able to find the lateral area and surface area of cylinders.(Lesson 12-6)
13. I will be able to compare surface areas of cylinders.(Lesson 12-6)
14. I will be able to find the lateral area and surface area of pyramids.(Lesson 12-7)
15. I will be able to find the lateral area and surface area of cones.(Lesson 12-7)