7th Grade Math Vocabulary TEST 1

Match the word with its definition by writing the correct number in the space provided.

_____ horizontal

_____ simple interest

_____ variable

_____ Associative Property of Addition

_____ origin

_____ distributive property

_____ Real-world problem

_____ complementary angles

_____ commission

_____ right prism

1   Any symbol, usually a letter, which could represent a number

2   A method of computing interest based on the original principle only, no matter how much money has accrued

3   A prism that has two bases, one directly above the other, and that has its lateral faces as rectangles

4   A problem that is an application of a real-life situation involving mathematics

5   A number outside the parenthesis can be multiplied to each term within the parenthesis; Ex. a(b + c) = ab + ac

6   An amount paid to an employee based on a percentage of the employee's sales

7   The property that states that when adding three or more real numbers, the sum is always the same regardless of their grouping

8   Parallel to, or in the plane of the horizon

9   The point of intersection of the x- and y-axes in a rectangular coordinate system, where the x-coordinate and y-coordinate are both zero (0)

10   Two acute angles that add up to give a right angle, 90°

7th Grade Math Vocabulary TEST 2

Match the word with its definition by writing the correct number in the space provided.

_____ inequality

_____ proportional relationship

_____ sample space

_____ diagram

_____ survey

_____ 2-dimensional figure

_____ commission

_____ area of a triangle

_____ quotient

_____ adjacent angle

1   If one of the related things is multiplied in size by a number, which we'll call x, then the other related thing is also multiplied by x

2   A flat shape that only has length and height, but not width (depth)

3   A method of collecting a sample data by asking people questions

4   The measure of the interior surface; The formula is a=½bh ((base x height) ÷ by 2)

5   The result of dividing one number by another

6   A visual representation of data to help readers better understand relationships among data

7   the set of all possible outcomes of a probability experiment

8   An amount paid to an employee based on a percentage of the employee's sales

9   2 angles that have the same vertex and a common ray but no interior points in common

10   A mathematical sentence that uses symbols such as <, ≤, >, or ≥ to compare two quantities

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7th Grade Math Vocabulary TEST 3

Match the word with its definition by writing the correct number in the space provided.

_____ population	1 A statement about the way things will happen in the future, often but not always based on experience or knowledge
_____ tax	2 2 angles that have the same vertex and a common ray but no interior points in common
_____ inequality	3 Describes the probability resulting from two or more simple events
_____ compound events	4 A group of objects, events, or people studied in order to collect data
_____ product	5 The result of multiplying numbers together
_____ prediction	6 A number preceded by either a plus or minus sign; if a sign (+ or -) is not given, the plus sign is assumed
_____ adjacent angle	7 A percentage of money paid to the government
_____ rational number	8 Any number that can be written as a fraction
_____ quotient	9 The result of dividing one number by another
_____ signed number	10 A mathematical sentence that uses symbols such as <, ≤, >, or ≥ to compare two quantities

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7th Grade Math Vocabulary TEST 4

Match the word with its definition by writing the correct number in the space provided.

_____ 3-dimensional

_____ fraction

_____ complementary angles

_____ compound events

_____ Associative Property of Multiplication

_____ analyze

_____ percent

_____ approximate

_____ commission

_____ surface area

1   The total area of the exterior surface of a solid

2   Number of things out of every 100

3   A part of a whole expressed using a numerator and a denominator

4   Solid shapes; having points or sides that are not all on one plane

5   Describes the probability resulting from two or more simple events

6   The property that states that when multiplying three or more real numbers, the product is always the same regardless of their grouping

7   A value that is very close but not exactly to another number

8   Examining parts to understand how they work together

9   An amount paid to an employee based on a percentage of the employee's sales

10 Two acute angles that add up to give a right angle, 90°

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7th Grade Math Vocabulary TEST 5

Match the word with its definition by writing the correct number in the space provided.

_____ cube

_____ tax

_____ survey

_____ percent

_____ random sample

_____ divisor

_____ supplementary angles

_____ surface area

_____ expression

_____ formula

1   The total area of the exterior surface of a solid

2   A sample that fairly represents a population because each member has an equal chance of inclusion

3   A mathematical rule written using symbols, usually as an equation describing a certain relationship between quantities

4   The number by which another number is divided

5   A solid figure with six congruent square faces

6   Number of things out of every 100

7   A percentage of money paid to the government

8   A method of collecting a sample data by asking people questions

9   Numbers, symbols grouped together to show the value of something

10 Two angles that add up to give a straight angle, 180°

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7th Grade Math Vocabulary TEST 6

Match the word with its definition by writing the correct number in the space provided.

_____ analyze

_____ angle

_____ absolute value

_____ Associative Property
of Addition

_____ vertical angle

_____ outcome

_____ evaluate

_____ diagram

_____ equivalent ratio

_____ Associative Property
of Multiplication

1 A visual representation of data to help readers better understand relationships among data

2 How far a number is from zero

3 Examining parts to understand how they work together

4 A figure formed by two rays with the same endpoint (vertex)

5 The property that states that when adding three or more real numbers, the sum is always the same regardless of their grouping

6 congruent angles that form opposite each other when two lines intersect

7 Ratios that have the same value

8 One of the possible results of a probability experiment

9 The property that states that when multiplying three or more real numbers, the product is always the same regardless of their grouping

10 To solve or find the value of an expression

7th Grade Math Vocabulary TEST 7

Match the word with its definition by writing the correct number in the space provided.

_____ percent increase

_____ quadrilateral

_____ complementary angles

_____ relative frequency

_____ different/difference

_____ Rate

_____ compare

_____ convert

_____ divisor

_____ tree diagram

1 The percent of change when the new amount is more than the original amount

2 A polygon with four sides and four angles

3 The number by which another number is divided

4 A ratio that compares quantities measured in different units

5 A branching diagram that shows all possible combinations or outcomes of an event

6 To find how things are different or the same

7 To change something from one form to another

8 The ratio of the number of observations in a statistical category to the total number of observations

9 Two acute angles that add up to give a right angle, 90°

10 Not the same; unlike

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7th Grade Math Vocabulary TEST 8

Match the word with its definition by writing the correct number in the space provided.

_____ positive

_____ prism

_____ determine

_____ pyramid

_____ signed number

_____ 3-dimensional

_____ factor

_____ approximate

_____ mean

_____ Rate

1 Greater than zero

2 A value that is very close but not exactly to another number

3 A number preceded by either a plus or minus sign; if a sign (+ or -) is not given, the plus sign is assumed

4 Solid shapes; having points or sides that are not all on one plane

5 A ratio that compares quantities measured in different units

6 A solid shape with polygon as a base and triangular faces that taper to a point (vertex)

7 To find or figure out

8 A polyhedron that has two congruent and parallel faces joined by faces that are parallelograms

9 The average; A measure of center in a set of numerical data, computed by adding the values in a list and then dividing by the number of values in the list

10 A number that is multiplied by another number to find a product

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7th Grade Math Vocabulary TEST 9

Match the word with its definition by writing the correct number in the space provided.

_____ markups

_____ computation

_____ decimal (number)

_____ variable

_____ rectangular prism

_____ quotient

_____ divisor

_____ proportional relationship

_____ estimate/estimation

_____ vertical angle

1 To guess closely; an answer that is close to the exact answer

2 Any symbol, usually a letter, which could represent a number

3 If one of the related things is multiplied in size by a number, which we'll call x, then the other related thing is also multiplied by x

4 Not a whole number, only part of the whole; a number with a decimal point

5 Percentages or dollar amounts added to the cost of sales to arrive at a products selling price

6 Finding an answer by using mathematics or logic

7 A solid figure with six faces that are all rectangles

8 The result of dividing one number by another

9 The number by which another number is divided

10 Congruent angles that form opposite each other when two lines intersect

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7th Grade Math Vocabulary TEST 10

Match the word with its definition by writing the correct number in the space provided.

_____ sample space	1 Any symbol, usually a letter, which could represent a number
_____ tree diagram	2 Numbers, symbols grouped together to show the value of something
_____ surface area	3 Not the same; unlike
_____ variable	4 The measure of the interior surface; The formula is a=½bh ((base x height) ÷ by 2)
_____ area of a triangle	5 The measure of the interior surface; The formula is a=∏r² (pie x radius squared)
_____ approximate	6 A ratio that compares quantities measured in different units
_____ different/difference	7 The set of all possible outcomes of a probability experiment
_____ expression	8 The total area of the exterior surface of a solid
_____ area of a circle	9 A branching diagram that shows all possible combinations or outcomes of an event
_____ rate	10 A value that is very close but not exactly to another number

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7th Grade Math Vocabulary TEST 11

Match the word with its definition by writing the correct number in the space provided.

_____ computation

_____ probability

_____ Commutative Property of Addition

_____ formula

_____ markdowns

_____ outcome

_____ distributive property

_____ solution set

_____ evaluate

_____ convert

1 How likely it is for an event to happen

2 A mathematical rule written using symbols, usually as an equation describing a certain relationship between quantities

3 A reduction in price used to stimulate sales, dispose of slow moving merchandise or meet the competitors price

4 One of the possible results of a probability experiment

5 To change something from one form to another

6 This property means that addends can be added in any order and the sum is always the same

7 A number outside the parenthesis can be multiplied to each term within the parenthesis. Ex. a(b + c) = ab + ac

8 Finding an answer by using mathematics or logic

9 Any and all value(s) of the variable(s) that satisfies an equation, inequality, system of equations, or system of inequalities

10 To solve or find the value of an expression

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7th Grade Math Vocabulary TEST 12

Match the word with its definition by writing the correct number in the space provided.

_____ divide/division

_____ different/difference

_____ signed number

_____ cube

_____ rectangular prism

_____ solution set

_____ tax

_____ interest

_____ geometric figure

_____ formula

1 Money paid for the use of other money

2 A solid figure with six congruent square faces

3 A number preceded by either a plus or minus sign; if a sign (+ or -) is not given, the plus sign is assumed

4 A solid figure with six faces that are all rectangles

5 Not the same; unlike

6 A mathematical rule written using symbols, usually as an equation describing a certain relationship between quantities

7 Any and all value(s) of the variable(s) that satisfies an equation, inequality, system of equations, or system of inequalities

8 A figure formed by any combination of points, lines, planes, curves, or surfaces in one, two, or three dimensions

9 To split a whole into equal parts or groups

10 A percentage of money paid to the government

7th Grade Math Vocabulary TEST 13

Match the word with its definition by writing the correct number in the space provided.

_____ divide/division

_____ coordinate

_____ operation

_____ different/difference

_____ expression

_____ positive

_____ equation

_____ prediction

_____ probability

_____ computation

1. Says two things are the same, using math symbols

2. Greater than zero

3. A statement about the way things will happen in the future, often but not always based on experience or knowledge

4. Not the same; unlike

5. A pair of numbers used to determine the position of a point on a graph

6. How likely it is for an event to happen

7. Numbers, symbols grouped together to show the value of something

8. To split a whole into equal parts or groups

9. Finding an answer by using mathematics or logic

10. The math processes of addition, subtraction, multiplication, and division

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7th Grade Math Vocabulary TEST 14

Match the word with its definition by writing the correct number in the space provided.

_____ estimate/estimation

_____ coordinate plane

_____ scale drawing (or model)

_____ additive inverses

_____ different/difference

_____ vertical angle

_____ circumference

_____ rational number

_____ integers

_____ sample space

1 To guess closely; an answer that is close to the exact answer

2 All whole numbers (both positive and negative) and zero

3 The set of all possible outcomes of a probability experiment

4 Not the same; unlike

5 A drawing (or model) that uses proportional lengths in the drawing (or model) and the actual image

6 A plane formed by a horizontal number line called the x-axis and a vertical number line called the y-axis

7 Congruent angles that form opposite each other when two lines intersect

8 Any number that can be written as a fraction

9 The distance around a circle; the perimeter of a circle

10 A number and its opposite whose sum is 0; example -4 and 4 = 0

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7th Grade Math Vocabulary TEST 15

Match the word with its definition by writing the correct number in the space provided.

_____ interest

_____ area

_____ operation

_____ product

_____ random sample

_____ divisor

_____ quadrilateral

_____ quotient

_____ ratio

_____ commission

1   The result of dividing one number by another

2   The number by which another number is divided

3   Money paid for the use of other money

4   The result of multiplying numbers together

5   An amount paid to an employee based on a percentage of the employee's sales

6   The amount of surface inside a closed shape; measured in square units

7   A polygon with four sides and four angles

8   A sample that fairly represents a population because each member has an equal chance of inclusion

9   The math processes of addition, subtraction, multiplication, and division

10   A comparison of two numbers, often written as a fraction

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