- 1) 6×3
- 2) How many ears do eight dogs have in all?
- 3) If n + 2 = 7, then n =
- 4) There were eight bugs on the ground. Now there are six. How many flew away?
- 5) $2 \times 3 \times 2$
- 6) $4 \times 6 + n = 31$
- 7) 3, 6, 9, 12, ____, ____, ____.
- 8) Seven bicycles have ____ wheels in all.

Use <, >, or = to complete questions 9 and 10.

- 9) 3 weeks ____ 20 days
- 10) 1 *cm* ___ 1 *in*.

- 1) 3×5
- 2) Four dollars equal ___ pennies.
- 3) $2 + 5 \times 2$
- 4) 5 + 8 3
- 5) Simplify $\frac{6}{2}$
- 6) 0, 4, 8, 12, ____, ____.
- 7) $0 \times 5,132$
- 8) $32 \div 2$
- 9) The product of four and three is ____.
- 10) The sum of five and four is ____.

- 1) The product of 4 and 6 is ____.
- 2) $2,463 \times 0$
- 3) 1, 10, 2, 9, 3, ____, ___, ___.
- 4) Simplify $\frac{8}{4}$
- 5) $48 \div 8$
- 6) $8 + 6 \div 3$
- 7) $3 + 4 \times 3$
- 8) How much does each apple cost?
- 9) 5 + (3 1)
- 10) The difference between 9 and 5 is _____.

- 1) 1, 5, 9, 13, ____, ____, ____.
- 2) $10 4 \times 2$
- 3) Simplify $\frac{18}{3}$
- 4) $84 \div 71$
- 5) Does Ellen spend more time on homework or sports?
- 6) $4 \times 3 + 5 \times 1$

For questions 7-10, use a = 2, b = 3, and c = 6.

- 7) a + b
- 8) *ac*
- 9) Simplify $\frac{c}{a}$
- 10) 2*b*

For questions 1-5, use a=8, b=2, and $c=\frac{1}{2}$.

- 1) a + b
- 2) b + c
- 3) *ab*
- 4) *ca*
- 5) 4*a*
- 6) Simplify $\frac{14}{2}$
- 7) 1, 2, 4, 8, ___, ___.
- 8) The sum of 8 and 7 is ____.
- 9) The difference between 9 and 3 is ____.
- 10) $10 3 \times 3$

- $1) \quad 4 \times 4$
- $2) 6^{2}$
- 3) $2 \times 2 \times 2$
- 4) Which number is in both A and B?
- 5) $10 5 \times 2$
- 6) **2**⁶
- 7) $1 \times 1 \times 1 \times 1$
- 8) Simplify $\frac{10}{5}$
- 9) Circle the answer that is equal to $5 \cdot 5 \cdot 5$:

 - a. 5×3 b. 3×5 c. 5^3 d. 3^5

10) 3 + 5

- 1) 8^2
- 2) 42 6
- 3) A trio and a quartet got together and played a song. How many musicians were there?
- 4) $2 + 3 \times 3 + 2 =$
- 5) Simplify $\frac{36}{3}$
- 6) 10^2
- 7) $\frac{1}{2}(10)$
- 8) $3 \times 2 \times 1$
- 9) Circle the answer that is equal to 4^3 :

- a. $4 \times 4 \times 4$ b. 4×3 c. 4 + 3 d. $3 \times 3 \times 3$
- 10) Simplify $\frac{4}{3}$

- 1) 3^2
- 2) Simplify $\frac{18}{3}$
- 3) Circle the answer that is equal to 5^3 :

a.
$$5 \times 3$$
 b. $3 \times 3 \times 3 \times 3 \times 3$ c. 3×5 d. $5 \times 5 \times 5$

- 4) If 15 + y = 15, then y =
- 5) $15 + 3 \cdot 2$
- 6) Scott ate half of the pizza How many pieces did he eat?
- 7) 35 35
- 8) $\frac{1}{2}(12)$

For questions 9 and 10, use: a = 5 and b = 2.

- 9) *ab*
- 10) *ba*

- 1) 7^2
- 2) If 4r = 24, then r =
- 3) Simplify $\frac{15}{3}$
- 4) 5(4+2)
- 5) $6 + 4 \times 2$
- 6) If s 8 = 9, then s =
- 7) 45×45
- 8) 2^3
- 9) If there are fifty dimes in a roll of coins, then it is equal to ____ dollars.
- 10) The product of eight and nine is ____.

- 1) $\frac{1}{2}$ (20)
- 2) Simplify $\frac{20}{4}$
- 3) $(4+4)^2$
- 4) The quotient of $27 \div 3$ is
- 5) One half of fifty is ____.
- 6) 128, 64, 32, 16, ____, ____, ____.
- 7) $256 \times 0 =$ For questions 8-10, use: a = 5, b = 4, and c = 2.
- 8) *ac*
- 9) **2***a*
- 10) Simplify $\frac{b}{c}$

- 1) If a + 15 = 19, then a =
- 2) If b = 2, then $b^3 =$
- 3) 8(4+3)
- 4) $10 + 4 \times 2$
- 5) Five cars have how many wheels altogether?
- 6) If 3n = 18, then n =
- 7) 50×50
- 8) Eight squared is ____.
- 9) If y 4 = 11, then y =
- 10) What time is shown on the clock?

- 1) The sum of four and twelve is ____.
- 2) Six ducks have how many feet in all?
- 3) $(8-3)^2$
- 4) $\frac{1}{2}$ (16)
- 5) Three squared is ____.
- 6) $8 \times 1 + 4 \times 2$
- 7) $8 3 \times 2$
- 8) Five dollars equal how many pennies?
- 9) If a = 5, then $a^2 =$
- 10) Four weeks is ____ days.

- 1) 3(4+2+1)
- 2) If 6 pennies are in each pile, how many pennies are in nine piles?
- 3) 9 x = 3
- 4) 7×4
- 5) $12 3 \times 4$
- 6) 8(10) =
- 7) If 65 + a = 71, then a =
- 8) Twenty-four divided by eight is ____.
- 9) If a = 9, then 5a =
- 10) Twelve quarters equal ____ dollars.

- 1) $15 3 \times 2$
- 2) $25 \div 5$
- 3) 3^3
- 4) A centipede has ____ legs.
- 5) $(5+4)^2$
- 6) x 4 = 4
- 7) Forty nickels equal ____ dollars.

Use <, >, or = to complete questions 8 - 10.

- 8) 3² ___ 24
- 9) 1 meter ____ 100 meter
- 10) $9(8) \underline{\hspace{1cm}} 8(5+4)$

- 1) 4×4
- 2) Five boxes of pencils with ten pencils per box equal ____ pencils.
- 3) If $18 \div 3 = n$, then n =
- 4) 70×70
- 5) The product of 6 and 3 is ____.
- 6) 22 + x = 9
- 7) 1, 4, 9, 16, ____, ____,
- 8) Simplify $\frac{15}{3}$
- 9) Five tricycles have ____ wheels.
- 10) Five squared plus ten is equal to ____.

- 1) 8×4
- 2) 65×65
- 3) 10(12)
- 4) Three centuries equal ____ years.
- 5) Five squared is equal to ____.
- 6) $7 + (4 \times 2)$
- 7) $45 \div 3$

For questions 8 - 10, use a = 4, b = 9, and c = 3.

- 8) *ac*
- 9) Simplify $\frac{b}{c}$
- 10) 5*b*

- 1) 7^2
- 2) 10-5+3
- 3) 0.6 + 0.3
- 4) Six weeks is equal to ____ days.
- 5) $18 6 \times 2$
- 6) What time is shown on the clock?
- 7) $12 \div 72 \div 72$

Use <, >, or = to complete questions 8 - 10.

- 8) 0.55 ____ 0.65
- 9) 0.083 ___ 0.81
- 10) 0.6 ___ 0.60

- 1) 3(4+1+2)
- 2) Order these numbers from least to greatest: 5.2, 0.052, 0.52
- 3) 2^3
- 4) $\frac{20}{4}$
- 5) Circle the greater number: 0.0853 or 0.09
- 6) Circle the answer that is equivalent to 43:
 - a. 12 b. $4 \times 4 \times 4$ c. $3 \times 3 \times 3 \times 3$
- 7) The product of 8 and 11 is ____

Use <, >, or = to complete questions 8 - 10.

- 8) 4.03 ___ 4.01
- 9) 0.0034 ____ 0.03
- 10) 10.6 ___ 10.600

- 1) 0.8 0.5
- 2) Circle the greatest number: **0.55**, **0.50**, **0.505**
- 3) Circle the number with the least value: 0.092, 0.029, 0.043
- 4) If a = 9, then $a^2 =$
- 5) If 3x = 27, then x =
- 6) Three feet equal ____ inches.
- 7) $3 + 9 \times 2$
- 8) Order these numbers from least to greatest: 0.08; 8.0; 0.8
- 9) A field goal is worth three points. The Bears have kicked four field goals. How many points is this altogether?
- 10) $3 \times 2 \times 4$

- 1) If a + 8 = 16, then a =
- 2) Circle the greatest number: 8.20, 8.02, 8.022
- 3) 0.3 + 0.2 + 0.1

For questions 4 - 7, round to the bolded place value.

- 4) 26.26
- 5) **2.81**
- 6) **0.0**18
- 7) 15.45

For questions 8 - 10, use a = 2, b = 3, and c = 8.

- 8) ac
- 9) The sum of a and b
- 10) Simplify $\frac{c}{a}$

- 1) 0.8 + 0.6 =
- 2) If x/3 = 6, then x =
- 3) Circle the number with the least value: 0.051; 3.82; 0.05
- 4) Ten weeks equal ____ days.
- 5) 10 6 + 2 =
- 6) $3^2 + 2 =$
- 7) Eight dogs have ____ legs in all.

For questions 8 - 10, round to the underlined place value.

- 8) 0.<u>7</u>87 ____
- 9) 0.<u>5</u>06 ____
- 10) <u>2</u>.8 ____

- 1) 55 · 55 =
- 2) 8 3 + 4 =
- 3) Sixteen quarters equal ____ dollars.
- 4) 6(8) =
- 5) $\frac{28}{4}$ =
- 6) If g 4 = 18, then g =
- 7) If a = 3, then $2^a =$

For questions 8 - 10, estimate the answer by rounding to the ones place and then applying the correct operation. Number 8 is done for you.

- 8) 12.2 + 4.9 = 12 + 5 = 17
- 9) 18.9 3.6 =
- 10) 6.9 8.2 =

- 1) $4^2 =$
- 2) The product of 6 and 3 is ____.
- 3) Circle the answer that is equal to $3 \cdot 3 \cdot 3 \cdot 3$:
 - a. 43 b. 34 c. 33 d. 12
- 4) 5(3+5) = Use <, >, or = to complete questions 5 7
- 5) 4.1 ____ 6
- 6) 2.08 ___ 2.080
- 7) 5.03 ___ 5.4

For questions 8 - 10, round to the underlined place value.

- 8) 8.<u>8</u>42 ____
- 9) 481.<u>5</u>6 ____
- 10) 0.0<u>0</u>83 ___

- 1) Ten cats have ____ legs in all.
- $(8 3 \cdot 2)2 =$
- 3) 0.84 10 =
- 4) 8.23 102 =
- 5) 25 0.1 =
- 6) If a = 5 and b = 4, then ab = 4
- 7) If a = 2 and b = 3, then aba = Use <, >, or = to complete questions 8 10.
- 8) 4.03 ___ 4.01
- 9) 5.62 ____ 8
- 10) 6 ____ -5

- 1) 2(5)(3) =
- 2) $0.04 \cdot 10^2 =$
- 3) Circle the greatest number: 4.8; 4.08; 4.008
- 4) Circle the number with the least value: 2.2; 0.02; 0.2
- 5) $4.68 \cdot 0.1 =$ Use <, >, or = to complete questions 6 and 7.
- 6) 3² ____ 4²
- 7) 3² ____ 2³

For questions 8 - 10, round to the underlined place value.

- 8) 4.0<u>8</u>1 ____
- 9) 20.<u>6</u>5 ____
- 10) <u>4</u>,348 ____

- 1) 75 · 75 =
- 2) |-11| =
- 3) 3.26 10 =
- 4) 4.28 0.1 =
- 5) If a = 2 and b = 7, then ba =
- 6) 8 2 + 4=
- 7) $10^3 =$

Use <, >, or = to complete questions 8 - 10.

- 8) 14.2 ____14.01
- 9) 0.043 ____ 0.5
- 10) 4² ___ 2⁴

- 1) 2 (4)(3) =
- 2) 1, 3, 6, 10, ____, ____,
- 3) Identify the range of the following numbers: 8, 2, 10, 4, 4, and 6
- 4) $\frac{3+2+1}{3} =$
- 5) What is seven and twenty-six one hundredths rounded to the nearest whole number?
- 6) Eight birds have ____ wings in all.
- 7) Write 0.98989898... Using bar notation.
- 8) 5 + 1.2 =
- 9) 0.403 1,000 =
- 10) Three thousand people plus two thousand people equal ____ people.

- 1) Circle the greatest number: 0.002; 0.0021; 0.019
- 2) Identify the range of the following numbers: 4, 3, 3, 15, and 28
- 3) $\frac{5-2+5}{2} =$
- 4) Two and a half hours later than 3:30 is ____.
- 5) What is the mean of 2, 7, and 9?
- 6) If a = 4, then $a^2 =$
- 7) What is the quotient of 35 divided by 5? Use <, >, or = to complete questions 8 10.
- 8) $3.2 \cdot 10^2 \underline{\hspace{1cm}} 0.32 \cdot 10^3$
- 9) 0.04 ____ 0.301
- 10) 3 dozen donuts ____ 30 donuts

- 1) Identify the range of the following numbers: 100, 212, 215, 308, 303, 600
- 2) Write 0.43333 ... using bar notation.
- 3) 0.5, 1, 1.5, ____, ___, ___.
- 4) What is the mean of two and twelve?
- 5) Identify the mode of the following numbers: 1, 1, 1, 2, 2, 3, 3, 3, 3, 4, 7
- 6) 95 5=
- 7) The product of four and eight is ____.
- 8) $3^2 = 2^3$ True or False
- 9) Is two dozen evenly divisible by three?
- 10) Two hours later than 11:30 is ____.

- 1) |-50| =
- 2) Identify the mode of the following numbers: 2, 5, 6, 6, 11, 19, 20. ----
- 3) What is the range of the numbers in problem 2? ______
- 4) $\frac{5+4+1}{3+1+1} =$
- 5) One day less than three weeks is ____ days.
- 6) Round 18.94 to the nearest whole number ____.
- 7) Circle the number with the least value: 0.002; 0.0019; 0.0004
- 8) $2 \cdot 0.4 =$
- 9) Two snakes plus seven snakes equal ____ snakes.
- 10) Write twenty-three thousandths in decimal form

- 1) Two centuries and 6 decades equal ____ years.
- 2) Write as a fraction the probability of rolling a 3 on a six-sided die.
- 3) Three hours later than 2:30 is ____
- 4) Which answer shows how much a seventh-grade student might weigh:
 - a. 500 kilograms b. 50 kilograms
 - c. 5 kilograms d. 100 grams
- 5) Circle the greater number: 54 inches or 5 feet
- 6) If 5x + 1 = 21, then x =
- 7) $\frac{1}{2} \cdot 18 =$
- 8) 0.054 > 0.1 True or False
- 9) Are these lines parallel or perpendicular?
- 10) If you have read half of an 80-page book, how many pages have you read?

- 1) 42.6 100 =.
- 2) If 8 + q = 12, then q =
- 3) 47 100 =
- 4) Is 21.49 closer to 21 or 22?
- 5) In 5 years, Lindsey will be a teenager. How old is she now?
- 6) If $\frac{n}{100}$ = 0.2, then n =
- 7) Two quarters equal ____ nickels.
- 8) If 1 gallon has 4 quarts, how many quarts do 2 gallons have?
- 9) 1, 4, 9, 16, ____, 36, 49, 64
- 10) What is the probability of drawing a black marble from the bag? White = 6 Black = 4

- 1) $42.6 \div 100 =$
- 2) If 10 z = 4, then z =
- 3) $3 \cdot 6 = 18$, which number is the product?
- 4) If $w \cdot 1 = 5 \cdot 2$, then w =
- 5) ____ Days equal 48 hours.
- 6) Which digit in the number 95,184 is in the thousands place?
- 7) $2^3 3^1 =$
- 8) $5036 \div 4 =$
- 9) If 5 circles weigh 10 pounds, how much does each square weigh?
- 10) Name a prime number between 12 and 16.

- 1) Two days less than four weeks is ____ days.
- 2) Write twenty-six hundredths as a decimal.
- 3) Five triangles have ____ sides in all.
- 4) Circle the answer that shows the probability of the spinner stopping on red:
 - a. 1 out of 4 b. 1 out of 3 c. 2 out of 4 d. 2 out of 3
- 5) |-25| =
- 6) $\sqrt{16} =$
- 7) Circle the greatest number: 0.9; 0.901; 0.899
- 8) Five minutes less than an hour is ____ minutes.
- 9) Round 1,894 to the nearest hundred.
- 10) Circle the fraction that shows the chance of rolling an even number on a di:
 - a. $\frac{1}{6}$ b. $\frac{2}{3}$ c. $\frac{3}{2}$ d. $\frac{1}{2}$

- 1) Circle the answer that shows how much a cow might weigh:
 - a. 1,000 pounds b. 1,000 grams c. 1,000 tons
- $2) 10^2 =$
- 3) Six dollars equal ____ pennies.
- 4) Name the shape.
- 5) $\sqrt{49} =$
- 6) Four motorcycles have ____ wheels in all.
- 7) $4.78 \times 10^2 =$
- $8) \quad 0.4 + 0.3 =$
- 9) 0.4 0.3 =
- 10) The difference between 11 and 3 is ____.

- 1) Is 372 evenly divisible by 2?
- 2) Name the shape.
- $3) \ \ 3 \cdot 3 \cdot 3 \cdot 3 =$
- 4) 23 + 32 =
- 5) $8^2 =$
- 6) $\sqrt{36} =$
- 7) Is 249 evenly divisible by 3?
- 8) If a = 2 and b = 5, then ab =
- 9) A millipede has ____ legs.
- 10) $0.004 \times 10^2 =$

- 1) Is 432 evenly divisible by 4?
- 2) $\sqrt{100} =$
- 3) A century has ____ years.
- 4) 0.4 + 0.6 =
- 5) 0.4 0.6 =
- 6) Circle the greater value: 0.5 or 0.5
- 7) Name the shape.
- 8) Is 2,112 evenly divisible by 3?
- 9) If a = 8 and b = 2, then $\frac{a}{b} =$
- 10) A pentagon has ____ sides.

- 1) Is 435 evenly divisible by 5?
- 2) Which is greater, 2 feet or 2 meters?
- 3) Twelve cars have ____ wheels in all.
- 4) Two feet are equal to ____ inches.
- 5) 7 (4 + 5) =
- 6) 968 0.01 =
- 7) (0.8)(0.4) =
- 8) Are the two lines parallel?
- 9) $0 \times 3,133 =$
- 10) Is this figure regular or not regular?

- 1) $0.0432 \times 10^3 =$
- 2) $10^2 \times 4.1 =$
- 3) Write $\frac{1}{2}$ as a decimal.
- 4) If $6,734 = 6.734 \times 10^4$, then a =
- 5) If eleven marbles are in each bag, how many marbles are in 5 bags? ___
- 6) Name the shape.
- 7) Are these lines parallel?

 Use <, >, or = to complete questions 8 10.
- 8) 1.78 ____ 1.774
- 9) 1.009 ____ 1.1
- 10) 10² ____ 1,000

- 1) A decagon has ____ sides.
- 2) Eight squared equals ____.
- 3) The mean of 3, 5, and 10 is ____.
- 4) $\sqrt{25} =$
- 5) Write $\frac{1}{4}$ as a decimal.4

Use <, >, or = to complete questions 6 - 8.

- 6) 8.2 ____ 8.19
- 7) 0.006 ___ 0.08
- 8) 32 ___ 2.2.2

For questions 9 and 10, round to the underlined place value.

- 9) 0.683 ____.
- 10) 88 ____.

- 1) Write 64,120 in scientific notation.
- 2) If a = 6 and b = 8, then ab = 8
- 3) 11 4=
- 4) $5 + 6 \cdot 2 =$
- 5) Nine squared is equal to ____.
- 6) The square root of 36 is ____.
- 7) Circle the answer that is equivalent to 0.432×0.14 :
 - a. 0.06 b. 6.048 c. 0.06048 d. 43.2
- 8) Name the shape ____.
 For questions 9 and 10, round to the underlined place value.
- 9) 0.593 ____.
- 10) 0.0032 ____.

- 1) 25 + 50 =
- 2) Circle the answer that is equal to 0.62 x 0.4: a. 0.04 b. 0.248 c. 8.3 d. 0.00083
- 3) $75 \cdot 75 =$
- 4) Write 5,823 in scientific notation.
- 5) The mean of 2, 10, and 9 is ____.
- 6) 0.5 + 0.2 =
- 7) A pentomino has ___ squares. Use <, >, or = to complete questions 8 - 10.
- 8) 1.49 ___ 1.483
- 9) 3.43×10^4 __ 3.43×10^5
- 10) 2.900 ___ 2.9

- 1) Is seventeen prime or composite?
- Is 492 evenly divisible by 9?
- 3) Circle the answer that is equal to 22×3 :

- a. 2 x 3 b. 3 x 3 x 2 c. 22 x 3 d. 2 x 2 x 3
- 4) $2^3 \cdot = 32$
- 5) $\sqrt{49}$
- 6) $0.0836 \times 10^3 =$
- 7) Twenty dimes equal ____ dollars.
- 8) 1, 2, 4, 7, ____, ____, ____.
- 9) 0.02 + 0.03 =
- 10) $16 \times \frac{1}{2} =$

- 1) Factor 18 using the factor tree
- 2) Is 107 evenly divisible by 9?
- 3) Twelve people have ____ ears in all.
- 4) $10^2 =$
- 5) Circle the answer that is equal to 0.046 x 0.3:
 - a. 0.12 b. 0.0138 c. 0.128 d. 0.00463
- 6) If a = 0.5 and b = 8, then ab =
- 7) $\sqrt{16}$
- 8) Write eight thousand four hundred thirty-six in scientific notation.
- 9) Is twenty-seven prime or composite?
- 10) Name the shape. ____.

- 1) Forty-nine days equal ____ weeks.
- 2) 2 · ___ · 5 = 70
- 3) Round 17.9 to the nearest whole number.
- 4) Is 845 evenly divisible by 4?
- 5) $\frac{1}{4} = 0.2$ True or False
- 6) Multiply 100 and 1.82 ____.
- 7) Complete the Factor Tree: 35

 Use <, >, or = to complete questions 8 10.
- 8) 4.82 ____ 4.083
- 9) $3 \times 2^2 \underline{\hspace{1cm}} 2 \times 3^2$
- 10) $4,183 \underline{\hspace{1cm}} 4.183 \times 10^3$

- 1) If a = 8 and b = 2, then a/b =
- 2) The mean of 1, 12, and 14 is ____.
- 3) Two centuries are equal to ____ years.
- 4) Circle the answer that is equivalent to 0.414141414 ...:
 - a. 0.41 b. 0.4140 c. 0.41 d. 0.14
- 5) Five squared equals _____.
- 6) If $4,132 = 4.132 \times 10^4$, then a =
- 7) Is 7 prime or composite? ____.
- 8) 2, 12, 22, 32, ____, ____, ____.
- 9) Factor 25
- 10) What is one hundred divided by ten? ____.

- 1) If $\frac{4}{16} = \frac{x}{4}$, then x =
- 2) What fraction does the shaded portion of the box represent?
- 3) $\frac{52}{100} = -\%$
- 4) Two flags with 50 stars each have ___ stars in all.
- 5) If $\frac{4}{8} = \frac{x}{2}$, then x =
- 6) $\frac{90}{100} =$ ___%
- 7) 24 = 2 · 2 · 2 · ___
- 8) In the number 54,631, what digit is in the ten thousands place?
- 9) Name the shape.
- 10) What is thirty plus thirty?

- 1) Multiply 0.023 and 10² ____.
- 2) $\frac{41}{100} =$ ____%
- 3) What fraction does the shaded portion of the box represent? ____.
- 4) 44.68 + 10 =
- 5) $\sqrt{121}$
- 6) If a = 8 and b = 4, then ab =
- 7) 2 3 5 =
- 8) $0 \times 5,123 =$
- 9) $\frac{8}{10} = --\%$
- 10) If $\frac{1}{3} = \frac{m}{9}$, then m =

- 1) Is thirty-three prime or composite? ____.
- 2) Write 76% as a decimal ____.
- 3) 3, 1, 4, 7, 10, ____, ____, ____.
- $4) \quad 0.5 + 0.42 =$
- 5) $9^2 =$
- 6) What fraction does the shaded portion of the circle represent? ____.
- 7) If $\frac{1}{7} = \frac{3}{n}$, then n =
- 8) 1.2 + 2.2 =
- 9) The sum of 8 and 9 is ____.
- 10) Name the shape ____.

- 1) 6.2 · 10 =
- 2) If an ant has six legs, then how many legs do eight ants have in all? ____.
- 3) List the factors of 12.

- 4) (8 + 2)5 =
- 5) If n 8 = 2, then n =
- 6) 52 =
- 7) If x = 2 and y = 6, then xy =
- 8) $\pi = 3.1$
- 9) $0 \div 11 =$
- 10) Round eighteen and ninety-four hundredths to the nearest whole number.

- 1) $4^2 =$
- 2) If $36 = n^{2}$, then n =
- 3) Three hours from the time shown would be?
- 4) 7 + 3.4 =
- 5) What are the first three multiples of 4?
- 6) List the factors of 20?
- 7) 8x = 96
- 8) $\Pi = 3$. _____
- 9) $\pm 4 = 6$
- 10) If 5(n-2) = 35, then n =

- 1) $9 \times 9 =$
- 2) Round 0.789 to the nearest tenth.
- 3) Use exponents to write 4 x 4 x 4 x 4.
- 4) $2 + 36 \div 6 =$
- 5) $12d \div 10 =$
- 6) Pi =
- 7) If $\frac{n}{3} = 2$, then n =
- 8) If n = 2, then 8n =

Use <, >, or = to complete questions 9 and 10.

- 9) 1.34 _____ 1.308
- 10) 9² ____ 3⁴

- 1) If $\frac{3}{5} = x/50$ then x =
- 2) List the first three multiples of 5, _____, and _____.
- 3) $\frac{45}{100}$
- 4) If $n^2 = 64$, then n =
- 5) What are the factors of 18?
- 6) $\frac{12}{4}$ =
- 7) $22 \times 3 =$
- 8) If a = 1, b = 2, and c = 3, then abc = 1
- 9) Seventy-three out of 100 is _____ %
- 10) Is this a regular polygon?

- 1) Circle the answer that shows the probable length of this paperclip:
 - a) 3 millimeters b) 3 centimeters c) 3 meters d) 3 kilometers
- 2) 4(2 + 3) =
- 3) $0 \times 5.842 =$
- 4) Pi =
- 5) List the first three multiples of 10, ____, and ____.
- 6) Is 13 prime or composite?
- 7) $16 = 3^2 \times 2$
- 8) If $16\% = \frac{?}{100'}$ then ? =
- 9) Is 4,032 evenly divisible by 3?
- 10) What fraction does the shaded portion of the circle represent?

- 1) Eight out of 100 = _____ %
- 2) 18:100 is _____%
- 3) What fraction does the shaded portion of the box represent?
- 4) 65 x 65 =
- 5) $10 \times 8.4 =$
- 6) Simplify: $\frac{18}{24}$ =
- 7) List the first three multiples of 9. _____, ____, and _____.
- 8) List the Factors of 6.
- 9) Is 432 evenly divisible by 9?
- 10) $3^2 \cdot 63 =$

- 1) $\sqrt{100}$
- 2) 20:100 = ____%
- 3) If $65\% = \frac{x}{100'}$, then x =
- 4) Simplify: $\frac{8}{32}$ =
- 5) What are the factors of 15?
- 6) List the first three multiples of 7. _____, and _____.
- 7) Is 10, 032 evenly divisible by 3?

Use <, >, = to complete questions 8 - 10.

- 8) $10^2 \underline{\hspace{1cm}}_{10}$
- 9) 0.042 ____ 0.05
- 10) 32% _____ 32:100

- 1) Simplify: 5/15 =
- Circle the greater number: 0.8 or 0.07/63
- 3) If a = 12 and b = 100, then $= \frac{a}{b}$ _____%
- 4) Is 509 evenly divisible by 4?
- 5) List the factors of 14.
- 6) List the first three multiples of 2. ___, and ____.
- 7) Circle the answer that show the length of this ticket:

- a) 4 km b) 4 m c) 4 cm d) 4 mm
- 8) 38% ____ 0.33
- 9) 3² ____ 2⁴
- 10) $\frac{4}{16}$ ______ $\frac{1}{4}$

- 1) If a = 1.2 and b = 10, the ab = 1
- 2) If $12/100 = \frac{?}{50}$, then ? =
- 3) List the factors of 24.
- 4) 0:100 = ____%
- 5) $\frac{14}{2}$ =
- 6) 36 =
- 7) Circle the answer that shows the length of the pencil

- a) 5 cm b) 25 cm c) 50 cm d) 75 cm
- 8) $4^2 =$
- 9) Four feet is equal to ____ inches.
- 10) Write twenty-three thousandths as a decimal.

- 1) Write 98% as a decimal.
- 2) Circle the greater value : 65% or $\frac{7}{10}$
- 3) 5.234 x 10 =
- 4) Round 8.546 to the nearest tenth.
- 5) $2^3 =$
- 6) 10pi =
- 7) If $\frac{6}{18} = \frac{x}{6}$, then x =
- 8) Thirty-six eggs are equal to ____ dozen eggs.
- 9) Estimate 8.2 + 4.9 =
- 10) What fraction does the shaded portion of the circle represent?

- 1) Write $\frac{55}{100}$ as a decimal.
- 2) $\frac{3}{4} =$ ____%
- 3) If 1/2 = s/8, then s =
- 4) Circle the greater number: 0.049 or 0.08
- 5) Round 15.402 to the nearest tenth.
- 6) If $\frac{1}{3} = \frac{t}{60'}$ the t =
- 7) Write 2:7 as a fraction.
- 8) If a = 100 and b = 0.06, then ab = 0.06
- 9) $0 \div 38 =$
- 10) Name the shape.

- 1) Write **0.12** as a percent.
- 2) Is 19 a prime number?
- 3) $\frac{1}{4} =$ ____%
- 4) List the first three multiples of 5, ___, ___,
- 5) Round 14.9631 to the nearest tenth.
- 6) How many times must a three-minute timer be flipped to measure a half-hour?
- 7) Is 817 evenly divisible by 4?
- 8) Circle the greater number. 42 or 8(3+4)
- 9) If $41,232 = 4.1232 \times 10m$, then m =
- 10) Is twenty-four prime or composite?

- 1) 13,328.96 Which number is in the hundredths place?
- 2) Circle the answer that is equal to v^6

a.
$$v + v + v + v + v + v$$

b.6 v

c.
$$v^3 + v^3$$

$$d.v \times v \times v \times v \times v \times v$$

- 3) What is the temperature?
- 4) $\sqrt{25}$
- 5) If 100 = 10k, then k =
- 6) $\frac{10}{2}$
- 7) 3.38 \times 100 =
- 8) What is the sum of two hundred and four hundred?
- 9) What is the smallest two-digit prime number?
- 10) (2)(3)(4) =

- 1) Circle the greater number: $\frac{3}{4}$ or 0.5
- 2) If a = 8, then $a^2 =$
- 3) Which is the divisor? $9252 \div 18 = 514$
- 4) 6(6 + 2) =
- 5) $\sqrt{10 \times 10}$
- 6) $\frac{1}{4} + \frac{2}{4} =$
- 7) What is the total cost of an item priced \$4.95 if there is 5% sales tax?

Use Inequalities

- 8) 0.0083 ____ 0.01
- 9) 23 ____ 5 + 3
- 10) 1,000,000 ____ one million

- 1) Reduce: $\frac{21}{28}$
- 2) If 22.009 = 22 + $\frac{x}{1000}$, then x =
- 3) List the factor of 8.
- 4) 12(3) =
- 5) $\frac{1}{8} + \frac{2}{8} =$
- 6) Circle the measurement that shows the greatest length
- 7) Is 312 evenly divisible by 2?
- 8) If ab = 10 and b = 2, then a =
- 9) $1^3 =$
- 10) 4 + 2.5 =

- 1) Write 28% as a decimal.
- 2) The Least Common denominator (LCM) of four and five is?
- 3) Reduce: $\frac{5}{40}$
- 4) $\frac{4}{10} =$ ____%
- 5) If ac = 20 and a = 10, then c =
- 6) $\frac{3}{7} \frac{1}{7} =$
- 7) $\sqrt{5 \times 5}$
- 8) List the factors of 25.
- 9) 0.40 + 0.05 =
- 10) If 10w = 50, then w =

- 1) 4^2
- 2) 5 + 2(4 + 1)
- 3) If $5\frac{1}{2} = \frac{x}{2}$, then x =
- 4) 1, 2, 4, 8... is an Arithmetic Sequence or Geometric Sequence
- 5) Circle the greater number: $\frac{2}{3}$ or $\frac{7}{11}$
- 6) Write $\frac{1}{3}$ as a decimal.
- 7) What is the area of the rectangle?
- 8) What is the perimeter of the rectangle?
- 9) Circle the answer that is equal to 5.128888....
 - a. 5. $\overline{128}$
 - $b.5.\overline{12}$
 - $\mathsf{C.}\ 5.12\overline{88}$
 - $d.5.12\overline{8}$
- 10) Round 1,286 to the nearest hundred.

- 1) 0.4 + 0.7 + 0.3 =
- 2) Is 80,100 evenly divisible by 3?
- 3) Eight weeks = ___days
- 4) If $3\frac{2}{3} = \frac{x}{3}$, then x =
- 5) Write $\frac{1}{4}$ as a decimal
- 6) Write eight thousand one hundred twenty three in scientific notation
- 7) If b = 10 and h = 2, then bh = 1
- 8) What is the area of the rectangle?
- 9) What is the perimeter of the rectangle?
- 10) What is the diameter of the circle?

- 1) How many points ahead are the eagles?
- 2) 3, 4.5, 6, 7.5, ____,
- 3) What odd number does a equal? $11 < a \le 13$
- 4) $2^3 \times 3 =$
- 5) What is the area of the rectangle?
- 6) what is the perimeter of the rectangle?
- 7) $10.5 + \frac{1}{2} =$
- 8) If $w \times 100 = 1,000$, then w =
- 9) The absolute value of -7 is
- 10) A negative number times a negative number is a _____?

- 1) If l = 8, w = 2, and h = 1, then lwh = 1
- 2) Which is the dividend? $42 \div 6 = 8$
- 3) 3(2+3+1) =
- 4) $0.244 \times 10 =$
- 5) True or False, 1 meter = 100 centimeters
- 6) What shape is a stop sign?
- 7) If s = 3, then $4s^2$
- 8) If 10w = 50, then w =
- 9) What is the perimeter of the shape?
- 10) What is the area of the shape?

- 1) Seven dollars is equal to ____ pennies.
- 2) Write $\frac{9}{4}$ as a mixed number.
- 3) Write $\frac{3}{4}$ as a decimal.
- 4) 0.2 + 0.25 =
- 5) If a = 3 and b = 9, the $\frac{b}{a} =$
- 6) $24 \times \frac{1}{2} =$
- $7) \quad \left(\frac{1}{7}\right)\left(\frac{1}{8}\right)$
- 8) What is the perimeter of the shape?
- 9) What is the area of the shape?
- 10) Area is always measured in what kind of units?

- 1) 0.046×10^2
- 2) If w = 2, then $5w^2 =$
- 3) $\frac{1}{2}(4+2) =$
- $4) \quad \frac{1}{2} \times \frac{1}{7}$
- 5) What is the perimeter of the shape?
- 6) The product of 6 and 7 equals?
- 7) $4 + 3 \times 2 =$
- 8) What is the reciprocal of $\frac{4}{9}$?
- 9) Write $\frac{13}{4}$ as a mixed number.
- 10) Write $\frac{1}{4}$ as a decimal.

- 1) $52 \times 10^2 =$
- 2) If $a = \frac{1}{2}$ and $b = \frac{1}{3}$, then ab =
- 3) $\frac{1}{2}(4 \times 2) =$
- 4) What is the recirpocal of $\frac{7}{5}$?
- 5) Reduce: $\frac{12}{36}$
- 6) Write $5\frac{1}{4}$ as an improper fraction.
- 7) What is the perimeter of the shape?
- 8) Write $\frac{1}{3}$ as a decimal.
- 9) What is the area of a box that is eight by four by two?
- 10) 10, 13, 16, 19 ... Is an Arithmetic Sequence or Geometric Sequence?

- 1) Reduce: $\frac{3}{12}$
- 2) True or False, $\frac{8}{12} = \frac{2}{3}$
- 3) If 6c = 42, then c =
- 4) (-8)(-4) =
- 5) 5 (-8) =
- 6) If -4a = -20, then a =
- 7) Write 12% as a decimal.
- 8) What is the area of the shape?
- 9) What is the perimeter of the shape?
- 10) The square root of 36 is?

- 1) Simplify: $\frac{3}{6}$
- 2) If (-6)(-4) = b, then b =
- 3) If l = 2, w = 3, and h = 4, the lwh = 1
- 4) What is the area of the shape?
- 5) Are these lines perpendicular?
- 6) Two hours equal ____ minutes.
- 7) Round 18.24 to the ones place.
- 8) 12 (-4) =
- 9) -4 (-5) =
- 10) If x 2 = 3, then x =

- 1) $\frac{1}{2}(16)$
- 2) Round 0.36444 to the nearest thousandths place.
- 3) If x + 4 = 6, then x =
- 4) How many degrees is angle x?
- 5) What quadrant is the point (-4, 4)in?
- 6) If -8x = 24, then x =
- 7) Draw the line(s) of symmetry for the letter **H**:
- 8) 7^2
- 9) The square root of sixteen is?
- 10) True or False, 5% = 0.5

- 1) What quadrant is the point (-4, -7) in?
- 2) A triangle has how many degrees?
- 3) Define perpindicular lines.
- 4) Reduce: $\frac{9}{21}$ =
- 5) What kind of angle is this?
- 6) 4 (-3) =
- 7) Three hours later than none o'clock is?
- 8) If a = 10, then $a^2 =$
- 9) 13(3)
- 10) List the factors of 15 ...

- 1) What quadrant is the point (-4, 5) in?
- 2) The square root of 64 is?
- 3) If $b^2 = 81$, then b =
- 4) Squares and square roots are the same thing? Explain ...
- 5) $\frac{12}{2}$ =
- 6) Seven squared =
- 7) Write three ways to show 8 times a number ...
- 8) List the factors of 18 ...
- 9) Perpendicular lines never intersect. True or False
- 10) 10(4+2)-10

- 1) What is the area of the shape?
- 2) What is the reciprocal of $\frac{8}{11}$
- $\exists) \quad \left(\frac{1}{4}\right)\left(\frac{1}{3}\right) =$
- 4) Write three ways which shows eight divided by a number.
- 5) If a = 25, the $\sqrt{a} =$
- 6) What is the perimeter of the shape?
- 7) What is the shape shown in the previous question?
- 8) What is the mean of two, five, and eleven?
- 9) What is the product of four and nine?
- 10) $43.2 \div 100 =$

- One thousand nine hundred ninety –
 nine minus one thousand nine hundred ninety eight is?
- 2) Name two multiples of 5 and 6.
- 3) Round 15.132 to the nearest hundredth.
- 4) Circle the fraction that represents the least value: $\frac{1}{7}$, $\frac{1}{3}$, or $\frac{1}{10}$
- 5) Which is the divisor: $76,752 \div 246 = 312$
- 6) If 30 x = 15, then x = ?
- 7) What is the area of the shape?
- 8) What is the perimeter of the shape?
- 9) -8 + (-6) = ?
- 10) (-8)(-6) = ?

- 1) Write an equation showing how many hours you slept last night?
- 2) Four quarters and three dimes is how much money?
- 3) Write the equation: fifteen more than a number.
- 4) What is the area of the shape?
- 5) Jon picks eight apples, eates three of them, and then picks two more.
- 6) What is the height of the shape?
- 7) If 10 + x = 30, then x = ?
- 8) which is the numerator: $\frac{5}{11}$
- 9) (-7)(-6) =
- 10) -5 + (-6) =

- 1) 7(8)(5)(0)(9) =
- 2) What is the area of the shape?
- 3) What is the permimter of the shape?
- 4) \$1 \$0.56 =
- 5) Name the numbers that have the same value:
- 6) Three hours and seventy five minutes is the same as four hours and ? minutes.
- 7) Diagram 25%
- 8) Define parallel lines.
- 9) Describe perpendicular lines.
- 10) 0.5(10) =

- 1) 27(8)(15)(0)(11) =
- 2) What is the area of the shape?
- 3) What is the perimeter of the shape?
- 4) Multiple 2.46 by 100.
- 5) \$1.39, \$1.29, \$1.19, ____, ____
- 6) Scott made six out of ten baskets. What percent is this?
- 7) Three weeks and two days equal? days.
- 8) What is the volume of the shape?
- 9) Which is linger? 10% of a mile or 100% of a meter
- 10) Diagram 75%

- 1) Farmer Brown has ten chickens. He sells all but four of them.
- $2) \quad 3 + 4(2) =$
- 3) Twelve quarters equal? dollars.
- 4) 10% of 60 is
- 5) 8^2
- 6) Jo made eight out of ten baskets. What percent is this?
- 7) What is the perimeter of a square with a side of 5 meters?
- 8) What is the area of a square measuring 8 feet by 8 feet?
- 9) What is the volume of a shape measuring 3 inches by 4 inches by 2 inches
- 10) The absolute value of -12 is

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