

Unknown Factors

2

Name _____ Date _____

Directions: Solve each problem. Write your answers on the line.

1. A muffin tray makes 24 muffins. There are 4 rows. How many muffins are in each row?
 $24 \div 4 = 6$

2. Find the unknown factor.
 $5 \times \square = 10$

3. Mrs. Harris needs 10 napkins for a picnic. They come in packages of 10. How many packages should she buy?
 $10 \div 10 = 1$

4. What is the unknown factor?
 $7 \times \square = 14$

5. Angie has 20 eggs. She puts 2 eggs in each bowl. How many bowls does she need?
 $20 \div 2 = 10$

6. What is the unknown factor?
 $\square \times 4 = 20$

7. Find the unknown factor.
 $\square \times 7 = 63$

8. What is the unknown number?
 $12 \div \square = 3$

9. Find the unknown factor.
 $\square \times 2 = 10$

Spiral Review Problems

A. Complete the table.

row	1	2	3	4
column	1	2	3	4
1	1	2	3	4
2	2	3	4	5
3	3	4	5	6
4	4	5	6	7

B. Complete the table.

row	1	2	3	4
column	1	2	3	4
1	1	2	3	4
2	2	3	4	5
3	3	4	5	6
4	4	5	6	7

C. Complete the table.

row	1	2	3	4
column	1	2	3	4
1	1	2	3	4
2	2	3	4	5
3	3	4	5	6
4	4	5	6	7

Size of Equal Groups

4

Name _____ Date _____

Directions: Solve each problem. Write your answers on the line.

1. Sally has 20 counters. She makes 2 equal groups. How many counters are in each group?
 $20 \div 2 = 10$

2. Use counters or draw in equal pictures to complete the table.

Number	Number of Equal Groups	Number in Each Group
36	6	

3. My mom has 20 oranges. She puts an equal number of oranges in each of 2 bags. How many oranges are in each bag?
 $20 \div 2 = 10$

4. Place 10 counters equally into 5 groups. How many counters are in each group?
 $\circ \circ \circ \circ \circ$
 $\circ \circ \circ \circ \circ$
There are _____ counters in each group.

5. Jason has 20 boxes. She puts an equal number of boxes in each of 2 bags. How many boxes are in each bag?
 $20 \div 2 = 10$

6. Place 24 counters equally into 3 groups. How many counters are in each group?
 $\circ \circ \circ \circ \circ \circ$
 $\circ \circ \circ \circ \circ \circ$
There are _____ counters in each group.

7. George has 22 marbles. He makes 2 equal groups. How many marbles are in each group?
 $22 \div 2 = 11$

8. Use counters or draw in equal pictures to complete the table.

Number	Number of Equal Groups	Number in Each Group
36	12	

Spiral Review Problems

A. What is the unknown factor?
 $\square \times 7 = 21$ B. What is the unknown number?
 $12 \div \square = 3$ C. What is the unknown factor?
 $\square \times 10 = 30$

3RD MATH WORKSHEETS

Quadrilaterals

4

Name _____ Date _____

Directions: Solve each problem. Write your answers on the line.

1. Circle all the words that describe the quadrilateral.
 square, rectangle, triangle, parallelogram, trapezoid, rhombus, kite, pentagon, hexagon, octagon

2. Circle all the quadrilaterals.

3. Circle the quadrilateral that is shaded.
 triangle, rectangle, square, parallelogram, trapezoid, rhombus, kite, pentagon, hexagon, octagon

4. Write all four words to complete the sentence below.
 The opposite sides of _____ are parallel and equal.

5. Circle the words that describe the quadrilateral.
 irregular, rectangle, triangle, square, parallelogram, trapezoid, rhombus, kite, pentagon, hexagon, octagon

6. Write all four words to complete the sentence below.
 _____ are quadrilaterals with 4 right angles.

7. Circle the quadrilaterals that are described below. Name the quadrilaterals on the lines.
 2 right angles

8. Circle the shapes that are not quadrilaterals.

9. Circle the quadrilateral that is shaded.
 triangle, rectangle, square, parallelogram, trapezoid, rhombus, kite, pentagon, hexagon, octagon

10. A polygon with 8 sides.

Spiral Review Problems

A. Find the product.
 $7 \times 7 =$ _____B. Find the quotient.
 $54 \div 9 =$ _____C. Find the product.
 $8 \times 9 =$ _____

Fractions

2

Name _____ Date _____

Directions: Solve each problem. Write your answers on the line.

1. Name the fraction that shows 2 out four equally sized parts. Did the parts get the same amount of the equally sized parts?
 $\frac{2}{4}$

2. Write an equivalent fraction.
 $\frac{2}{4} = \frac{\square}{8}$

3. Andrew runs $\frac{2}{3}$ miles in a race. Does this mean $\frac{2}{3}$ miles are the two fractions equivalent?
 $\frac{2}{3} = \frac{6}{9}$

4. Write an equivalent fraction.
 $\frac{2}{4} = \frac{\square}{12}$

5. What fraction is equivalent to $\frac{2}{3} =$
 $\frac{4}{6}$
 $\frac{5}{7}$
 $\frac{6}{9}$
 $\frac{7}{11}$

6. Write an equivalent fraction.
 $\frac{2}{4} = \frac{\square}{16}$

7. What fraction is equivalent to $\frac{2}{3} =$
 $\frac{4}{6}$
 $\frac{5}{7}$
 $\frac{6}{9}$
 $\frac{7}{11}$

8. Write an equivalent fraction.
 $\frac{1}{4} = \frac{\square}{16}$

9. What fraction is equivalent to $\frac{2}{3} =$
 $\frac{4}{6}$
 $\frac{5}{7}$
 $\frac{6}{9}$
 $\frac{7}{11}$

Spiral Review Problems

A. Write the fraction that names the shaded part of the shape.

B. Haley has 20 blocks. She divides them into groups of 2 each. How many groups can she make?
 $20 \div 2 = 10$

C. Write the fraction that names the shaded part of the shape.



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Spectrum

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