Name:_____

Period:_____

1. Three dimes is
   a. What fraction of a dollar?
   b. What percent of a dollar?

2. In this triangle, which segment is perpendicular to $\underline{AC}$?
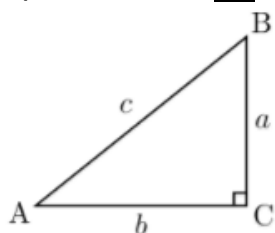
3. How many $\frac{3}{4}$'s are in 1?
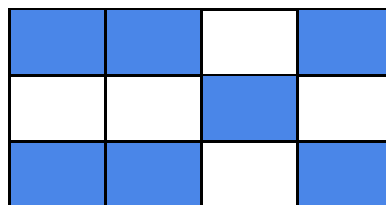
4. Write $3\frac{1}{8}$ as an improper fraction.

5. a. Arrange these numbers in order from least to greatest:

$\frac{1}{3}, -3, 3, 0$

b. Which of the numbers in part a is not an integer?

6. Use the numbers 2, 3, and 5 to illustrate the Associative Property of Addition

7.

   a. What fraction of the rectangle is shaded?
   b. What fraction of the rectangle is not shaded?

8. Subtract fifty-eight million from one hundred million, and use words to write the difference.

9. a. List the factors of 21.
b. List the factors of 48.
c. Which numbers are factors of both 21 and 48?
d. What is the greatest common factor of 21 and 48?

10. Which property of multiplication is illustrated by this equation?

$$\frac{3}{4} \times \frac{4}{3} = 1$$

Find each missing number for 11-13.

11. $2320 + m = 4760$

12. $n - \$8.75 = \$9.55$

13. $35p = 910$

Simplify 14-19.

14. $\frac{3}{5} + \frac{1}{5}$

15. $\frac{9}{11} - \frac{3}{11}$

16. $\frac{3}{5} \times \frac{4}{7}$

17. $9 \overline{)\,74{,}309}$

18. $40(\$1.63)$

19. $\frac{2}{5} \cdot \frac{2}{5} \cdot \frac{2}{5}$

20. Describe each figure as a line, ray, or segment. Then use a symbol and letters to name each figure.

a. M   C

b. P   M

c. F   H