

Name \_\_\_\_\_

Group \_\_\_\_\_

Weekly #4 Due Friday 3/1/19 (GRADED FOR 20 POINTS)

SHOW ALL WORK

<p>1. What is the missing number in this ratio table?</p> <table border="1" data-bbox="191 296 646 386"> <tbody> <tr> <td>2</td> <td>4</td> <td>6</td> <td>10</td> </tr> <tr> <td>14</td> <td>28</td> <td>42</td> <td>?</td> </tr> </tbody> </table> <p>a. 50                      c. 28 b. 70                      d. 12</p>	2	4	6	10	14	28	42	?	<p>2. A baseball pitcher can throw a ball 120 feet per second. At this rate, how long would it take the ball to travel 300 feet?</p> <p>A. 2 seconds B. 2.5 seconds C. 3 seconds D. 3.5 seconds</p>
2	4	6	10						
14	28	42	?						
<p>3. A bookstore sold 73 copies of the same book one weekend. The total amount the bookstore received from the 73 books was \$1,241. How much did the bookstore receive from each book?</p> <p>A. \$17 B. \$19 C. \$21 D. \$23</p>	<p>4. A hiking trail is <math>\frac{4}{5}</math> mile long. A total of 8 markers are placed equal distances apart to help guide hikers. How far is one marker from the next?</p> <p>A. <math>\frac{1}{10}</math> mile B. <math>\frac{2}{5}</math> mile C. <math>\frac{5}{32}</math> mile D. <math>\frac{32}{5}</math> mile</p>								
<p>5. Natalie earned \$289 last week. She earned \$213.73 this week. How much more did Natalie earn last week than this week?</p> <p>A. \$75.27 B. \$75.37 C. \$76.37 D. \$76.73</p>	<p>6. Cassie earns \$11.42 an hour. How much money does she make working 8.5 hours?</p> <p>A. \$19.92 B. \$90.92 C. \$97.07 D. \$970.70</p>								
<p>7. A total 54 oranges, 81 pears, and 90 apples will be put into gift baskets. Each gift basket will have the same number of oranges, the same number of pears and the same number of apples. What is the greatest number of baskets that can be made?</p> <p>A. 9 B. 18 C. 27 D. 54</p>	<p>8. Which pair of numbers has a LCM of 24?</p> <p>A. 6 and 12 B. 6 and 24 C. 24 and 48 D. 24 and 96</p>								
<p>9. What is the prime factorization of 135?</p> <p>a. <math>2 \cdot 3 \cdot 3 \cdot 5</math> b. <math>9 \cdot 15</math> c. <math>3 \cdot 3 \cdot 3 \cdot 5</math> d. <math>3 \cdot 3 \cdot 5</math></p>	<p>10. What fraction is equal to 0.65?</p> <p>a. <math>6\frac{5}{6}</math>                      c. <math>5\frac{5}{6}</math> b. <math>\frac{13}{20}</math>                      d. <math>\frac{65}{1000}</math></p>								

11. The approximate depths of some oceans are shown in table below.

OCEAN	DEPTH (ft)
Atlantic	-30,246
Indian	-24,460
Pacific	-35,837

Write an inequality to list the numbers in order from least to greatest.

Answer \_\_\_\_\_

12.

. An 18 ounce box of wheat cereal costs \$3.60. A 12 ounce box of oat cereal cost \$3.00.

A. What is the unit rate, in cost per ounce, for the wheat cereal? \_\_\_\_\_

B. Which is the better buy, the wheat cereal or the oat cereal? \_\_\_\_\_

Explain:

13. Michelle is making pillows. Each pillow requires  $\frac{3}{5}$  yards of fabric. If Michelle has 6 yards of fabric, how many pillows can she make?

A. Write a number sentence to solve.

B. Draw a model to solve.

14. Order from least to greatest by writing a statement of inequality. Use the number line to help you

$\frac{2}{5}$ , .55, 1.25,  $\frac{5}{6}$ , .555,  $\frac{9}{8}$

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