

Name: \_\_\_\_\_

Date Due: \_\_\_\_\_

\_\_\_\_\_  
(Parent Signature)**6<sup>th</sup> Grade Practice Sheet 9**Show all work - **NO CALCULATORS!**

<p>1. Write each percent as a simplified fraction.</p> <p>50%                      65%</p>		<p>6. Write each decimal as a percent.</p> <p>0.36                      2.85</p>	
<p>2. Write the fraction as a decimal.</p> $\frac{9}{125}$		<p>7. Place the sign (&lt;, &gt;, =) to make each statement true. Justify your answer.</p> $\frac{6}{25} \text{ — } 0.3$	
<p>3. Write the decimal as a simplified fraction.</p> <p>0.95</p>		<p>8. Write the fraction as a decimal.</p> $\frac{5}{6}$	
<p>4. Write the decimal as a mixed number simplified fraction. 4.125</p>		<p>9. Write the fraction as a decimal.</p> $\frac{10}{15}$	
<p>5. Find the sum.</p> $2\frac{5}{8} \text{ and } 1\frac{3}{4}$		<p>10. Find the difference.</p> $1\frac{5}{9} \text{ and } \frac{5}{6}$	

<p>11. Find the product.</p> <p><i>1.2 and 7</i></p>		<p>16. Find the sum.</p> <p><i>15.26 and 4.63</i></p>	
<p>12. Find the product.</p> <p><i>0.036 and 19</i></p>		<p>17. Find the difference.</p> <p><i>16.3 – 9.24</i></p>	
<p>13. Find the product.</p> <p><i>0.3 and 1.9</i></p>		<p>18. How many ways can Kaleb, Laylee and Joe line up to buy ice cream? Use a list to show the sample space.</p>	
<p>14. Estimate the percent of the number.</p> <p><i>48% of 120</i></p>		<p>19. Draw a tree diagram to show how many different backpacks can be made if the backpack comes in nylon or leather and red, green or black.</p>	
<p>15. Estimate the percent of the number.</p> <p><i>74% of 41</i></p>		<p>20. From the problem above. What is the probability that a backpack chosen at random will be a nylon backpack that is red or green?</p>	

**Show how you made your choice.**

21) Noel earned \$23 washing cars. He paid his sister \$9.50 for helping. What is the difference between the amount Noel earned and the amount he paid his sister?

- a. \$9.27
- b. \$9.73
- c. \$12.50
- d. \$13.50

22) Complete the T-chart by filling in the missing place.

- a. 32
- b. 64
- c. 128
- d. 256

$n$	$n \times n \div 2$
6	18
8	32
10	50
16	

23) The weights in the gym increase by 5-ounce increments. If the smallest weight is 12 ounces, what is the weight of the next size?

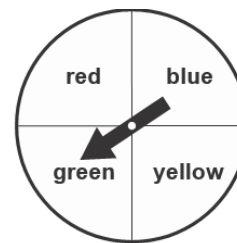
- a. 1 pound
- b. 1 pound, 1 ounce
- c. 1 pound, 2 ounces
- d. 1 pound, 3 ounces

24) Using the *distributive* property, which of these expressions would give the same answer as  $4 \times (12 + 10)$ ?

- a.  $4 \times (12 + 14)$
- b.  $(12 + 4)10$
- c.  $(4 \times 12) + (4 \times 10)$
- d.  $4 + 12 \times 4 + 10$

25) What is the probability of the spinner landing on green written in percent form?

- a. 50%
- b.  $\frac{1}{4}$
- c. 0.25
- d. 25%



26) There is a 25% chance of Tracy winning a prize. What is the chance Tracy won't win written in fraction form?

- a. 75%
- b.  $\frac{3}{4}$
- c. 0.75
- d.  $\frac{1}{4}$

27) What is the fraction  $\frac{17}{25}$  written as a percent?

- a. 17%
- b. 68%
- c. 77%
- d. 680%

28) What is 65% of 220?

- a. 65
- b. 143
- c. 155
- d. 338.5

29) Which of the following orders 75%,  $\frac{1}{6}$ ,  $\frac{3}{8}$ , and 0.625 from least to greatest?

- a.  $\frac{1}{6}$ , 75%,  $\frac{3}{8}$ , 0.625
- b.  $\frac{1}{6}$ ,  $\frac{3}{8}$ , 75%, 0.625
- c.  $\frac{3}{8}$ ,  $\frac{1}{6}$ , 0.625, 75%
- d.  $\frac{1}{6}$ ,  $\frac{3}{8}$ , 0.625, 75%

30) A store is having a sale where movies are 15% off their original price. A movie is on sale for \$22.10. What was the original price of the movie?

- a. \$22.35
- b. \$23
- c. \$26
- d. \$28