

Name: _____

Date: _____

(Parent Signature)

6th Grade Practice Sheet 16Show all work - **NO CALCULATORS!**

<p>1. Order from least to greatest.</p> <p style="text-align: center;">$0.12; \frac{1}{8}; 0.135; 13\%$</p>		<p>6. Order from least to greatest.</p> <p style="text-align: center;">$\frac{1}{3}; 0.3;$ $33\%; \frac{8}{25}; 33.6\%$</p>	
<p>2. Order from least to greatest.</p> <p style="text-align: center;">$\frac{17}{25}; 0.81; \frac{5}{8}; 64\%$</p>		<p>7. Order from least to greatest.</p> <p style="text-align: center;">$0.14\%; \frac{7}{20}; 0.014; 1.4$</p>	
<p>3. Evaluate</p> <p style="text-align: center;">$2.6 \cdot 3.7 + 7.3$</p>		<p>8. Evaluate.</p> <p style="text-align: center;">$2.6 \cdot (3.7 + 7.3)$</p>	
<p>4. Find the product & simplify if necessary.</p> <p style="text-align: center;">$\frac{7}{8} \cdot 14$</p>		<p>9. Find the product & simplify.</p> <p style="text-align: center;">$\frac{3}{20}$ and $\frac{7}{24}$</p>	
<p>5. Find the product</p> <p style="text-align: center;">4.75 and 2.5</p>		<p>10. Find the product.</p> <p style="text-align: center;">8.95 and 0.05</p>	

11. Write as a decimal.		16. Evaluate where $y = 2$ and $z = 5$.	
12.5%		$(z - y)^3$	
12. Write as a decimal.		17. Evaluate when $m = 5$ and $n = 8$	
1/6		$\frac{6m}{n - 3}$	
13. Write as decimal.		18. Evaluate where $x = 4$, $y = 2$ and $z = 5$.	
$\frac{2}{3}$		$[x^2 - (z - y)^2] \div 7$	
14. Write as a decimal.		19. Evaluate when c $= 6$, $d = 8$ and $e = 16$.	
$\frac{3}{6}$		$\frac{d + e}{c}$	
15. Evaluate.		20. Evaluate.	
$7.3 \times 3.6 \div 9$		$21.5 \div 5 \times 8$	

Show how you made your choice.

21) Myisha rode her bicycle for $3\frac{3}{4}$ hours. She traveled 12 miles per hour. How far did she travel?

- a. 36 miles
- b. 48 miles
- c. 45 miles
- d. 3.2 miles

22) Jorge has $24\frac{3}{4}$ feet of rope. He needs to cut it into pieces that are each $\frac{3}{4}$ foot long. How many pieces will he have?

- a. 12
- b. 18
- c. 24
- d. 33

23) Alexandra was making friendship bracelets for her friends. She had $13\frac{1}{2}$ feet of the decorative string. It took $1\frac{3}{4}$ feet to make each bracelet. How many bracelets was she able to make?

- a. 6
- b. 7
- c. 8
- d. 9

24) Takumi bought 15.84 yards of fabric. If he cut the yarn into 8 equal pieces, how long would each piece of fabric be?

- a. 1.98 yards
- b. 7.84 yards
- c. 23.84 yards
- d. 126.72 yards

25) Matthew bought 11 yards of fabric at \$3.67 per yard. How much money did Matthew spend on fabric?

- a. \$0.33
- b. \$7.33
- c. \$14.67
- d. \$40.37

26) Pablo has a picture that is $2\frac{3}{5}$ inches tall. He wants to enlarge the picture $3\frac{3}{4}$ times its original size. How tall will the new picture be?

- a. 6 inches
- b. $6\frac{9}{20}$ inches
- c. $9\frac{3}{4}$ inches
- d. 9 inches

27) If $c = 6$, what is the value of $3 \times 4 \div c$?

- a. 2
- b. 6
- c. 7
- d. 18

28) Your car has broken down and you need to have it towed. The company you call charges \$35 to hook the car up to the tow truck and then \$.10 for each mile towed. If m is the number of miles to be towed, which expression can be used to determine the total cost?

- a. $35m + .10$
- b. $35m + .10m$
- c. $35 + .10m$
- d. $(35 + .10)m$

29) Simplify: $3(6 \times 5 - 8) \div 11 - 5$

- a. 6
- b. 1
- c. 4
- d. 19.5

30) Which number below is the best estimate for the result of 51.3 divided by 7.2?

- a. 5
- b. 6
- c. 7
- d. 8