

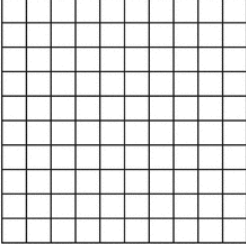
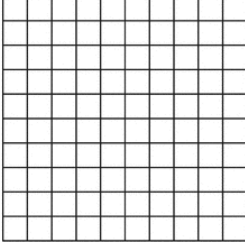
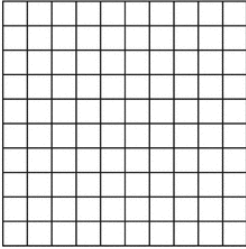
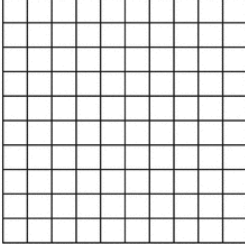
Name: \_\_\_\_\_

\_\_\_\_\_  
(Parent Signature)

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

## 6<sup>th</sup> Grade Practice Sheet 11

Show all work - **NO CALCULATORS!**

1. Use a visual model to represent multiplication. $0.5 \cdot 0.8$ 		6. Use a visual model to represent division. $0.5 \div 0.25$ 	
2. Use a visual model to represent multiplication. $0.6 \cdot 0.3$ 		7. Use a visual model to represent division. $0.9 \div 3$ 	
3. Find the product. $0.003 \times 2.9$		8. Find the quotient. $0.0868 \div 0.007$	
4. Find the product. $2.52 \times 0.15$		9. Find the quotient. $7.224 \div 0.08$	
5. Find the total of $5\frac{4}{5}$ and $2\frac{2}{3}$		10. Subtract $3\frac{3}{8}$ and $1\frac{3}{4}$	

<p>11. <b>Estimate</b> the product <math>72.7 \times 19.8</math></p>		<p>16. Write as a unit rate.</p>	
		<p>162 bottles in 9 cases</p>	
<p>12. <b>Estimate</b> the product <math>26.4 \times 3.4</math></p>		<p>17. Write as a unit rate.</p>	
		<p>72 ounces in 6 steaks.</p>	
<p>13. <b>Estimate</b> the quotient <math>43.2 \div 3.9</math></p>		<p>18. Subway made 27 subs using 12 lbs of turkey. How much turkey was used per sandwich?</p>	
<p>14. <b>Estimate</b> the quotient <math>52.7 \div 9.2</math></p>		<p>19. Order these fractions from least to greatest.</p>	
		$\frac{2}{3}, \frac{4}{9}, \frac{5}{6}, \frac{7}{12}$	
<p>15. Write as a decimal and percent.</p>		<p>20. Write as a decimal and percent.</p>	
$\frac{21}{25}$		$3\frac{9}{10}$	

**Show how you made your choice.**

21) Melissa is painting the faces of famous Americans in the History Wing of Lincoln High School. After one hour, she estimates that she is  $\frac{1}{4}$  of the way done painting the first face. If she keeps working at the same rate over the next few days, how many faces would she be done with after 17 hours of painting?

a.  $4\frac{1}{4}$

b.  $4\frac{3}{4}$

c.  $5\frac{1}{4}$

d.  $5\frac{3}{4}$

22) The library surveyed 240 people about their favorite type of movie. If  $\frac{1}{2}$  of the people chose documentaries, how many people chose documentaries?

a. 120 people

b. 36 people

c. 60 people

d. 1600 people

23) Which equation demonstrates the distributive property?

a.  $2 \cdot 3 = 3 \cdot 2$

b.  $4(2 \cdot 6) = (4 \cdot 2) \cdot 6$

c.  $3(2 + 4) = (3 \cdot 2) + (3 \cdot 4)$

d.  $6 \cdot \frac{1}{6} = 1$

24) A tree is 75 inches in height. What is the height of the tree in feet?

a.  $7\frac{1}{2} ft$

b.  $6\frac{1}{4} ft$

c.  $7\frac{1}{4} ft$

d.  $6\frac{1}{2} ft$

25) What is 15.08 written as a mixed number?

a.  $15\frac{18}{100}$

b.  $15\frac{1}{25}$

c.  $15\frac{2}{50}$

d.  $15\frac{2}{25}$

26) Cedric can swim a lap in  $23\frac{3}{5}$  seconds. Jason can swim a lap in 21.4 seconds. How much faster can Jason swim a lap than Cedric?

- a. 3.1 seconds
- b. 2.9 seconds
- c. 2.2 seconds
- d. 1.9 seconds

27) Mario is multiplying two decimal numbers. His work so far is shown in the box to the right. What should Mario do in order to complete his work correctly?

- a. Place a decimal in the product between the 3 and the 1.
- b. Place a decimal in the product between the 1 and the 7.
- c. Place a decimal in the product between the 7 and the 5.
- d. Place a decimal in the product between the 5 and the 2.

45.36
<u>× 0.07</u>
31752

28) What is the value of the expression below?

$$0.08 \div 0.02$$

- a. 0.0004
- b. 4
- c. 0.04
- d. 400

29) Jeff got a  $\frac{23}{25}$  on his first math test, a 93% on his second test, and a 0.89 on his third test. Which of the following orders his scores from least to greatest?

- a. 0.92, 0.93, 0.89
- b. 0.89, 0.93, 0.92
- c. 0.93, 0.92, 0.89
- d. 0.89, 0.92, 0.93

30) Tommy's batting average this season is 0.275. This means that he had a hit in 27.5% of his at-bats. If Tommy had 11 hits so far this season, how many at-bats has he had?

- a. 40 at-bats
- b. 35 at-bats
- c. 26 at-bats
- d. 3 at-bats