

Name: _____

Date: _____

(Parent Signature)

6th Grade Practice Sheet 17Show all work - **NO CALCULATORS!**

1. Compare using >, <, =.	Write the symbol in the blank below.	6. Compare using >, <, =.	Write the symbol in the blank below.
0.086 _____ 86%		17% _____ $\frac{4}{25}$	
2. Compare using >, <, =.	Write the symbol in the blank below.	7. Compare using >, <, =.	Write the symbol in the blank below.
0.12 _____ 1.2%		$\frac{37}{50}$ _____ 37%	
3. Simplify the quotient of		8. Simplify the quotient of	
$\frac{1}{4}$ and $\frac{1}{4}$		$\frac{1}{2}$ and $3\frac{1}{4}$	
4. Simplify the quotient of		9. Simplify the quotient of	
8 and $\frac{1}{8}$		$1\frac{4}{5}$ and $\frac{1}{10}$	
5. Find the quotient of		10. Find the quotient	
36.47 and 0.7		14.6 and 0.004	

<p>11. Write the next 3 terms in this pattern: 88, 77, 66, 55 . . .</p>		<p>16. Simplify the product of</p>	<p>$\frac{1}{4}$ and $\frac{1}{3}$</p>
<p>12. Write the next 3 terms in this pattern: 24, 32, 40, 48 . . .</p>		<p>17. Simplify the product of</p>	<p>$\frac{1}{4}$ and $\frac{1}{8}$</p>
<p>13. Write the next 3 terms in this pattern: 4, 9, 15, 22, 30 . . .</p>		<p>18. Simplify the product of</p>	<p>3 and $\frac{5}{9}$</p>
<p>14. Write the next 3 terms in this pattern: 5, 11, 16, 22, 27, 33 . . .</p>		<p>19. Simplify the product of</p>	<p>$2\frac{3}{4}$ and $1\frac{1}{9}$</p>
<p>15. $0.8 \div 0.6$</p>		<p>20. $0.52 \div 0.0013$</p>	

Show how you made your choice.

21) Each of the 205 students at Brookhaven Elementary brought in 29 cans of food for a local food drive. Approximately how many cans did they bring in total?

- a. 7000
- b. 6000
- c. 5000
- d. 4000

22) Dave got 36 out of 40 problems correct on a math quiz. What percent of the problems did he get correct?

- a. 76%
- b. 84%
- c. 90%
- d. 94%

23) In a $2\frac{1}{2}$ pound container of beef, how many hamburgers can be made if each one uses $\frac{5}{16}$ of a pound?

- a. $\frac{25}{32}$
- b. 8
- c. 4
- d. 2

24) The distance around the running track at school is $\frac{9}{10}$ of a mile. If Leah ran $2\frac{1}{2}$ laps, how far did she run?

- a. $2\frac{1}{5}$ miles
- b. $2\frac{1}{4}$ miles
- c. $2\frac{3}{4}$ miles
- d. $2\frac{9}{20}$ miles

25) Ming recorded his height on the first day of school starting when he was 11 years old. At what height do you expect Ming to be if the pattern continues through age 15?

- a. 5'9"
- b. 5' 10"
- c. 5'11"
- d. 5'12"

Age	Height
11	5'0"
12	5'1"
13	5'3"
14	5'6"
15	

- 26) The table shows the number of pies eaten by the top four contestants in the middle school pie-eating contest.

Contestant Name	Number of Pies Eaten
Ali	$5\frac{1}{2}$
Brett	$5\frac{1}{4}$
Lois	$5\frac{2}{3}$
Zeke	$5\frac{3}{8}$

Which lists the number of pies in order from greatest to least?

- a. $5\frac{1}{4}, 5\frac{1}{2}, 5\frac{3}{8}, 5\frac{2}{3}$ b. $5\frac{2}{3}, 5\frac{1}{2}, 5\frac{3}{8}, 5\frac{1}{4}$
- c. $5\frac{2}{3}, 5\frac{1}{4}, 5\frac{3}{8}, 5\frac{1}{2}$ d. $5\frac{1}{4}, 5\frac{3}{8}, 5\frac{1}{2}, 5\frac{2}{3}$
- 27) One winter in Enrique's home state, it snowed 26 inches in $6\frac{1}{2}$ days. What is the rate in inches of snow per day?
- a. 4 inches per day b. 5 inches per day
- c. 6 inches per day d. 7 inches per day
- 28) Johnny discovered that $\frac{1}{3}$ of the 332 members of his book club bought the December book selection. Which is the closest to the number of members who bought the December book selection?
- a. 7 b. 25
- c. 100 d. 300
- 29) Which expression below is *not* equivalent to the other 3?
- a. $\frac{a+b}{2}$ b. $\frac{1}{2}(a+b)$
- c. $\frac{1}{2}a + b$ d. $(a+b) \div 2$
- 30) The fraction $\frac{1}{2}$ is closest to which of the following?
- a. $\frac{3}{4}$ b. $\frac{4}{5}$
- c. $\frac{5}{8}$ d. $\frac{7}{10}$