Name:

(Parent Signature)

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

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

## Show all work - *NO CALCULATORS!*

1. Write the fraction as a	6. Place the sign $(<, >, =)$ to	
decimal.	make each statement true.	
<u>/</u>	Justify your answer.	
8	$1\frac{1}{-}$ 1.2	
	5	
2. Write the fraction as a	7. Place the sign $(<, >, =)$ to	
decimal.	make each statement true.	
5	Justify your answer.	
12	1	
	$2.3 \_ 2.3 = 2 \frac{3}{3}$	
	5	
3. Write the decimal as a	8. Place the sign $(<, >, =)$ to	
mixed number fraction.	make each statement true.	
	Justify your answer.	
7.48		
	6%0.6	
4 337 1 1 1		
4. Write the decimal as a	9. Place the sign $(<, >, =)$ to	
mixed number fraction.	make each statement true.	
25	Justify your answer.	
2.5		_
	150%1.5	)
5 Find the sum	10 Find the difference	
5. This the sum.	ro. r ind the difference.	
$\sim 1$ $\sim 2$	. 1 , 7	
$3 - and 1 - \frac{1}{5}$	$4 - and 1 - \frac{1}{8}$	



## Be sure to show how you made your choice.

21) Which  $10 \times 10$  grid is shaded to represent the decimal number that, when added to 0.65, results in a total of 1.00?



22) Each rectangle pictured represents one whole and is made up of small squares that are all the same size. Which rectangle has  $\frac{1}{5}$  if its area shaded?



23) Maggie had a bag of peanuts that weighed 2.84 pounds. She took some of the peanuts out of the bag. The bag then weighed 1.24 pounds. What was the weight of the peanuts Maggie took out of the bag?

- a. 4.08 pounds b. 3.6 pounds
- c. 1.6 pounds d. 1.06 pounds
- 24) If a = 2, what is the value of 7 3a?
  - a. 1 b. 2
  - c. 8 d. 15

Stillwater Middle School 6<sup>th</sup> Grade PS 6

25) Peter Pickle Company sells jars of pickles with 2.5 lbs. of pickles in each jar. The company decided to increase the size of the jar to hold an additional 1.275 lbs. What is the new weight of the pickles in each jar?

a. 5.150 105. 0. 5.250 10	a.	3.150 lbs.	t	).	3.250 lb
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c. 3.575 lbs. d. 3.775 lbs.

26) Bill is ordering items for his bike from an Internet company. If Bill has \$28.39 saved, how much more does he need to save to buy just the lock and speedometer?

a.	\$7.76	b.	\$7.86
c.	\$8.76	d.	\$8.86

Bike Equipment	Cost of Equipment
Extra Tire	\$3.75
Headlight	\$11.99
Lock	\$22.40
Speedometer	\$13.75

27) If $n$ is the input number, which expression could be used
to find the value of the output shown in the table?

		Input (n)		1	2	3	4	5
		Output		3	5	7	9	11
a.	<i>n</i> + 2	b.	3 <i>n</i>					
	0							
с.	2n + 1	d.	4n	. + 1	_			

28)	Complete the T-chart by	filling in the missing place.	x	50 ÷ <i>x</i>
			50	1
	a. 5	b. 10		5
	a 15	4 25	5	10
c. 15	u. 25	2	25	

29) Which of the following represents 3 times a number increased by 4?

a. 3n-4b. 3+4nc. 3n+4d. 4-3n

30) Jan plans to make some dip for her party. The recipe calls for 1 cup of sour cream. She plans to triple the recipe. Sour cream is sold in 1 pint containers. What is the least number of 1-pint containers of sour cream Jan must have to make the dip?

a.	4 containers	b.	3 containers
c.	2 containers	d.	1 container