Hour _____

Name: _____

Date Due: _____

6th Grade Practice Sheet 8

Show all work - NO CALCULATORS!

Show all work - NO CALCULATORS!	C 337 1: 4 C :	
1. Write the percent as a	6. Write the fraction as a	
fraction in simplest form.	percent. Use a model if	
	needed.	
140/		
14%	8/12	
	12	
2. Write the percent as a	7. Write each decimal as a	
decimal.	percent.	
	percenti	
56%	0.07	
3. Write the fraction as a	8. Compare using	Write the symbol in the
percent.	<, >, or =.	blank.
<u>3</u> 8	3	$\frac{3}{5}$
8	10 —	5
4. Write the percent as a	9. Compare using	Write the symbol in the
fraction.	<, >, or =.	blank.
	, ,	
45%	$\frac{3}{2}$	$\frac{14}{7}$
	2 ———	7
5. Find the sum of	10. Find the difference of	
	10.1 ma the difference of	
1 11	7 2	
$3\frac{1}{2}$ and $\frac{11}{12}$	$\frac{7}{10}$ and $\frac{2}{5}$	
	10 3	

11. Find the sum.			16. Estimate the percent of	
4706 112			each number.	
4.796 and 13			49% of	1/18
			47/0 OI	140
12. Find the difference.			17. Estimate the percent of	
12. I ma the difference.			each number.	
85 - 67.13				
			9% of	36
13. The current balance			18. Solve.	
of Tracy's checking.				
account is \$237.80. Find the	ne new ba	alance after she	001.050	
writes a check for \$29.95.			80 is 25% of what number	
				_
14. The annual rainfall			19. A number cube is	
for Coy Falls was 50.38			marked with 1, 2, 3, 4, 5, and 6 on its faces.	
inches. The next year it	the diffe	erence hetween	and 6 on its races.	
increased to 55.76. What is the difference between the two years?		Write the probability if you roll one time.		
one years.			producting in your	
			P(2)	P(greater than 3)
15. The spinner shown is			20. Draw a tree diagram or	
spun once. Find the			list to determine possible	
probability. Write as a			outcomes. Then find the	
fraction.			probability.	
D(A)		P	Duy a san on battle of a	on onen ao codo
P(A)		B A	Buy a can or bottle of grape Find <i>P</i> (bottle, grape)	or orange soda.
$P(A \ and \ C)$		B	i ma i (bottie, grape)	
(2)				

Be sure to show how you made your choice.

- 21) Which fraction is equal to 0.74?
 - a. $\frac{3}{4}$ cups

b. $\frac{74}{1000}$ cups

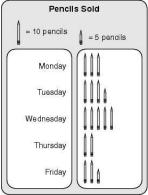
c. $\frac{37}{50}$ cups

- d. $\frac{74}{10}$ cups
- What fraction of total pencils sold was sold on Monday and Wednesday together?
 - a. one-fourth

b. one-third

c. one-half

d. three-fourths



- Darius spends 35% of his time doing math homework. Alex spends $\frac{2}{5}$ of his time doing math homework. Serina spends 25% of her time doing math homework. Trina spends $\frac{2}{3}$ Who spends more time on math homework?
 - a. Darius

b. Alex

c. Serina

- d. Trina
- 24) Complete the T-chart by filling in the missing place.
 - **a.** 55

b. 60

c. 65

d. 70

n	3n + 5	
10	35	
20		
30	95	
40	125	

- 25) In a relay race, Mia ran 1.43 kilometers (km). Then she passed the baton to Gerald, who ran an additional 2.7 kilometers. How many kilometers did they run in all?
 - a. 4.13 km

b. 3.36 km

c. 3.5 km

d. 1.7 km

- 26) Corey works for a landscaping company. On Tuesday, he fertilized 4 lawns. He used 2.5 bags of fertilizer on each lawn. How much fertilizer did Corey use?
 - a. 10 bags

b. 7 bags

c. 9 bags

- d. 3 bags
- 27) Elisa rode her horse $2\frac{2}{5}$ miles. Joel rode his horse $1\frac{7}{8}$ miles. How much farther did Elise ride than Joel?
 - a. $1\frac{3}{5}$ miles

b. $1\frac{9}{40}$ miles

c. $\frac{21}{40}$ miles

- d. $1\frac{2}{3}$ miles
- 28) How many possible outcomes could a student have with a pair of jeans or khakis and a yellow, red, or blue shirt?
 - a. 6 possible combinations
- b. 3 possible combinations
- c. 5 possible combinations
- d. 9 possible combinations
- 29) Which list contains only numbers that are <u>multiples</u> of 8?
 - a. 1, 2, 4, 8

b. 8, 24, 32, 56

c. 1, 8, 16, 24

- d. 32, 16, 12, 8
- 30) Order the fractions from least to greatest. $\frac{1}{2}$, $\frac{5}{6}$, $\frac{2}{3}$, $\frac{11}{18}$
 - a. $\frac{1}{2}$, $\frac{2}{3}$, $\frac{5}{6}$, $\frac{11}{18}$

b. $\frac{11}{18}, \frac{2}{3}, \frac{5}{6}, \frac{1}{2}$

c. $\frac{11}{18}$, $\frac{1}{2}$, $\frac{5}{6}$, $\frac{2}{3}$

d. $\frac{1}{2}$, $\frac{2}{3}$, $\frac{11}{18}$, $\frac{5}{3}$