_____ Name: _____

(Parent Signature) Date Due: _____

6th Grade Practice Sheet 12

Show all work - ***NO CALCULATORS!***

1. Find the LCM of 8 and 14

2. Find the GCF of 90 and 75

3. Find the product of $\frac{10}{21}$ *and* 7

4. Find the product of $3\frac{3}{4} \cdot 2\frac{1}{3}$

5. Find the sum of $3\frac{3}{10}$ *and* $2\frac{1}{4}$

6. Find the product of $3\frac{3}{10}$ *and* $1\frac{2}{5}$

7. Find the product of $\frac{11}{20}$ *and* 4

8. Complete the ratio table.

x	y
2	12
	24
6	
8	48

9. Complete the ratio table.

x	y
6	42
	49
8	56
9	

10. Find the difference of $2\frac{5}{9}$ *and* $1\frac{2}{3}$

11. Find the total of 0.9 *and* 3.65	16. Find the difference of 34.68 *and* 17.2
12. Find the product of 1.37 *and* 0.9	17. Find the quotient of 42.2 *and* 0.3
13. Draw an area model to represent multiplication. $\frac{3}{10} \cdot \frac{2}{7}$	18. Estimate the solution. $5\frac{1}{5} \cdot 6\frac{3}{4}$
14. Use a visual model to represent division $3 \div \frac{1}{4}$	19. Estimate the solution. $15\frac{5}{6} \cdot 2$
15. Grayson had 2/3 of an apple pie. He gave 1/4 of what he had to his friend Karen. What fraction of the whole pie did Karen get?	20. On Monday a team of street sweepers cleaned 14 city blocks. Tuesday, the team cleaned 4/5 as many blocks as on Monday. How many city blocks did the street sweepers clean on Tuesday?

Show how you made your choice.

21) Margaret has saved $400. She is going to spend one tenth of her money on a shopping spree. How much money will Margaret spend?

a) $0.40 b) $4

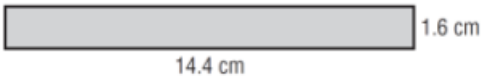
c) $40 d) $100

22) Drew read 0.60 of his book, which had 200 pages. How many pages has Drew read?

a) 60 b) 120

c) 140 d) 200

23) How many times longer is the length of the rectangle compared to the width?



a) 9 b) 12.8

c) 16 d) 23.04

24) Lacie wants to paint her bedroom walls. She has to cover 1,162.5 square feet. About how many gallons of paint will she need?

Gallons	Coverage ( )
1	250
2	500
3	750

a) 5 b) 4

c) 3 d) 2

25) Albert used 3/8 of a half-gallon of paint. What fraction of a gallon of paint did he use?

a) $\frac{3}{4}$ b) $\frac{2}{5}$

c) $\frac{3}{16}$ d) $1\frac{1}{3}$

Show how you made your choice.

26) What is the value of the expression below?

$$0.12 \div 0.04$$

a) 3
b) 0.03
c) 0.3
d) 30

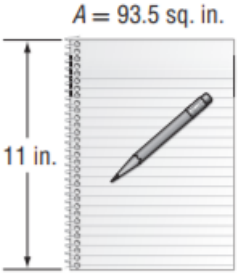
27) Robin has $16\frac{1}{4}$ inches of string. She is making a dream catcher that uses $3\frac{1}{4}$ inches of material. How many dream catchers could she make?

a) 5 dream catchers
b) 6 dream catchers
c) 9 dream catchers
d) 10 dream catchers

28) Amanda ate a $\frac{1}{3}$ of her mom's pie. She gave the remaining $\frac{2}{3}$ to four friends. What fraction did each friend get?

a) $\frac{12}{1}$
b) $\frac{6}{1}$
c) $\frac{1}{12}$
d) $\frac{1}{6}$

29) Courtney found the area of her notebook paper shown. What is the width of the piece of notebook paper?



a) 8 inches
b) 8.5 inches
c) 9 inches
d) 9.5 inches

30) Evan's dad uses about $\frac{1}{3}$ pound of beef to make a hamburger. How many hamburgers could he make if he had $8\frac{1}{4}$ pounds of meat?

a) 8 burgers
b) 16 burgers
c) 20 burgers
d) 24 burgers