


Unit 3 Spiral Review - Assignment #21

Name: _____

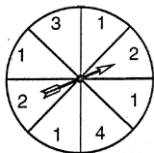
Period: _____

1. Great-seventy-fifth  Grandpa celebrated his birthday in 2006. In what year was he born?

2. The farmer harvested 8000 bushels of grain from 50 acres. The crop produced an average of how many bushels of grain for each acre?

3. One quart is what percent of one gallon?

4. What is the probability the spinner will stop on 2?



5. Forty-seven million is how much less than one billion? Use words to write the answer.

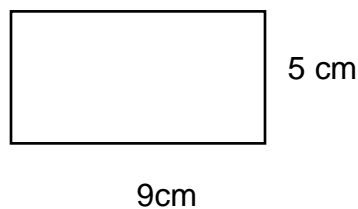
6. a. Compare:

$$\left(\frac{1}{8} + \frac{3}{8}\right) + \frac{4}{8} \quad \square \quad \frac{1}{8} + \left(\frac{3}{8} + \frac{4}{8}\right)$$

b. What property is illustrated by this comparison?

7. Use digits and symbols to write "Seven minus nine equals negative two."

8. a. Find the perimeter of this rectangle.
b. Find the area of this rectangle.



9. Simplify:

a. $3\frac{24}{36}$

b. $\frac{9}{21}$

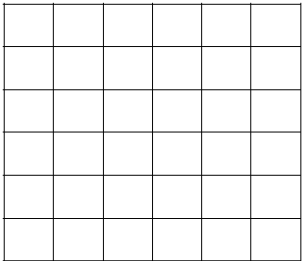
10. Write $2\frac{1}{2}$ as an improper fraction, and multiply the improper fraction by $\frac{1}{3}$.

11. Complete each equivalent fraction.

a. $\frac{3}{4} = \frac{?}{36}$

b. $\frac{4}{9} = \frac{?}{36}$

12. The square illustrates 6^2 is 36 and that $\sqrt{36}$ is 6. Draw a figure that illustrates that 5^2 is 25 and that $\sqrt{25}$ is 5.



Find each missing number for 13-14.

13. $7937 - g = 1169$

14. $30y = \$41.10$

15. Which of the following does not equal $2\frac{2}{3}$?

A. $\frac{11}{3}$

B. $2\frac{4}{6}$

C. $\frac{8}{3}$

D. $2\frac{10}{15}$

Simplify:

16. $\frac{3}{4} + \frac{3}{4} + \frac{3}{4}$

17. $\frac{9}{11} - \frac{7}{11}$

18. $\left(\frac{3}{4}\right)^2$

19. $\sqrt{121}$

20. $13(11 + 13)$