

Name _____ Date _____

Decimal Skills and Percentage

1) $3.4 \div 13.6 =$

2) $1.3 \div 6.5 =$

3) $50 \div 12.5 =$

4) $26 \div 8 =$

5) Chad drove to Grandma's house. The trip took him 5.6 hours. If he drove at an average speed of 62.5 miles per hour, what was the distance of Chad's drive?

6) Serena went shopping for some clothes. She purchased 3 pairs of pants for \$24.99 each. She also purchased three shirts for \$12.98 a piece. To top off her shopping experience she then purchased a pair of shoes for \$49.99. How much did she spend altogether?

7) If Henry correctly answered 16 out of 20 questions correctly on a test, what percent did he score correctly?

8) Francis made 9 out of 15 free throws during his basketball game. What percent of his free throws did he make? (change to decimal first and then to percent!)

9) Which of the following should be written in the blank to make the value in order from greatest to least?

60% _____ 0.5

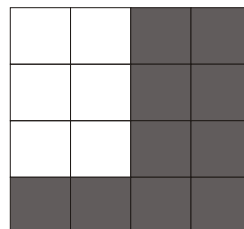
A) $\frac{2}{5}$

B) 45%

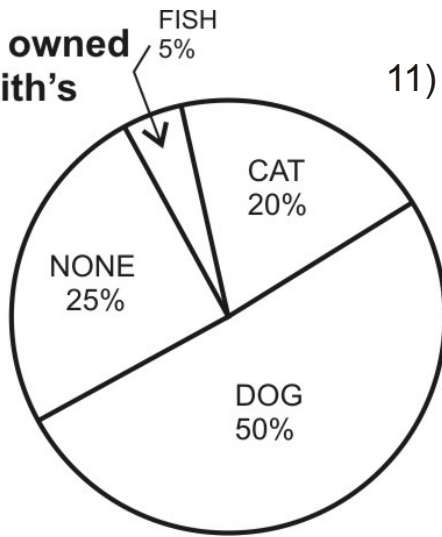
C) 0.6

D) $\frac{11}{20}$

10) What percent of the squares are shaded in the figure below? Do not round. Find the exact percentage!



Type of pet owned
by Mrs. Smith's
class.



11) What fraction of Mrs. Smith's class owns either a dog or no pet?

12) What fraction of Mrs. Smith's class does not own a pet?

13) If 100% of is

and 50% of is

what is 25% of ?

Draw a picture.

Write the following numbers as a percentage. (ALWAYS move decimal 2 spaces to the right!)

14) 0.25 _____ 15) 0.07 _____

16) 0.005 _____ 17) 0.1 _____

18) 0.4 _____

Write the following as a decimal.

19) 45% _____ 20) 7% _____

21) 3% _____ 22) 123% _____

23) 9% _____ 24) 2.5% _____

To find the percent of number by changing the percent into a decimal and multiplying it by the other number. Example. 15% of 200 is set up as $0.15 \times 200 = 30$

25) What is 25% of 500? 26) What is 75% of 300? 27) What is 55% of 250?