

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## SOLVING PERCENT SENTENCES: Worksheet 4

Fill in the blank.

- 1) Percent means out of \_\_\_\_\_.
- 2) The number after the word “of” is the total and is always on the \_\_\_\_\_ of the fraction.

Solve the following percent sentences.

- 3) 6% of what is 15?
- 4) 28% of what is 98?
- 5)  $37\frac{1}{2}\%$  of what is 45?
- 6) What percent of 50 is 20?
- 7) What percent of 250 is 17.5?
- 8) What percent of 15 is 12?
- 9) 65% of 80 is what?
- 10) 180% of 50 is what?

## KEY

### SOLVING PERCENT SENTENCES: Worksheet 4

Fill in the blank.

- 1) Percent means out of 100.
- 2) The number after the word "of" is the total and is always on the bottom of the fraction.

Solve the following percent sentences.

3) 6% of what is 15?       $\frac{6}{100} = \frac{15}{x}$        $100 \cdot 15 \div 6 = 250$

4) 28% of what is 98?       $\frac{28}{100} = \frac{98}{x}$        $100 \cdot 98 \div 28 = 350$

5)  $37\frac{1}{2}\%$  of what is 45?       $\frac{37.5}{100} = \frac{45}{x}$        $100 \cdot 45 \div 37.5 = 120$

6) What percent of 50 is 20?       $\frac{x}{100} = \frac{20}{50}$        $100 \cdot 20 \div 50 = 40$

7) What percent of 250 is 17.5?       $\frac{x}{100} = \frac{17.5}{250}$        $100 \cdot 17.5 \div 250 = 7$

8) What percent of 15 is 12?       $\frac{x}{100} = \frac{12}{15}$        $100 \cdot 12 \div 15 = 80$

9) 65% of 80 is what?       $\frac{65}{100} = \frac{x}{80}$        $65 \cdot 80 \div 100 = 52$

10) 180% of 50 is what?       $\frac{180}{100} = \frac{x}{50}$        $180 \cdot 50 \div 100 = 90$