

NAME _____

DATE _____

SOLVING PERCENT SENTENCES: Worksheet 1

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) 4% of what is 20?
- 4) 20% of what is 16?
- 5) $12\frac{1}{2}\%$ of what is 40?
- 6) What percent of 120 is 30?
- 7) What percent of 60 is 12?
- 8) What percent of 24 is 9?
- 9) 40% of 90 is what?
- 10) 175% of 16 is what?

KEY

SOLVING PERCENT SENTENCES: Worksheet 1

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) 4% of what is 20? $\frac{4}{100} = \frac{20}{x}$ $100 \cdot 20 \div 4 = 500$

4) 20% of what is 16? $\frac{20}{100} = \frac{16}{x}$ $100 \cdot 16 \div 20 = 80$

5) $12\frac{1}{2}\%$ of what is 40? $\frac{12.5}{100} = \frac{40}{x}$ $100 \cdot 40 \div 12.5 = 320$

6) What percent of 120 is 30? $\frac{x}{100} = \frac{30}{120}$ $100 \cdot 30 \div 120 = 25$

7) What percent of 60 is 12? $\frac{x}{100} = \frac{12}{60}$ $100 \cdot 12 \div 60 = 20$

8) What percent of 24 is 9? $\frac{x}{100} = \frac{9}{24}$ $100 \cdot 9 \div 24 = 37.5$

9) 40% of 90 is what? $\frac{40}{100} = \frac{x}{90}$ $40 \cdot 90 \div 100 = 36$

10) 175% of 16 is what? $\frac{175}{100} = \frac{x}{16}$ $175 \cdot 16 \div 100 = 28$