

## Percent Problems

1) What percent of 21 is 3?

8) What is 12% of 17.5?

2) What percent of 55 is 34?

9) 58% of what is 63.4?

3) 28% of 63 is what?

10) What percent of 45 is 15?

4) 10 is what percent of 52.6?

11) What is 12% of 18?

5) 4% of 72 is what?

12) What is 170% of 98?

6) What is 90% of 130?

13) 140 is 70% of what?

7) 41% of 78 is what?

14) 102 is 94% of what?

# Answers

## Percent Problems

1) What percent of 21 is 3?



$$R \times B = P$$
$$R = \frac{3}{21} = 0.143 \text{ or } \underline{14.3\%}$$

8) What is 12% of 17.5?

$$? = .12 \times 17.5$$
$$\underline{2.1}$$

2) What percent of 55 is 34?

$$R = \frac{34}{55} = 0.618 \text{ or } \underline{61.8\%}$$

$$R \quad B \quad P$$

9) 58% of what is 63.4?

$$.58 \times ? = 63.4 \text{ or } B = \frac{63.4}{.58}$$
$$\underline{109.3}$$

3) 28% of 63 is what?

$$.28 \times 63 = ?$$

$$\underline{17.64}$$

10) What percent of 45 is 15?

$$R \quad B = P$$
$$R = \frac{15}{45} = 0.333 \text{ or } \underline{33.3\%}$$

4) 10 is what percent of 52.6?

$$P \quad B$$
$$R = \frac{10}{52.6} = 0.19 \text{ or } \underline{19\%}$$

11) What is 12% of 18?

$$? = .12 \times 18$$
$$\underline{2.16}$$

5) 4% of 72 is what?

$$.4 \times 72 = ?$$
$$\underline{28.8}$$

12) What is 170% of 98?

$$? = 1.70 \times 98$$
$$\underline{166.6}$$

6) What is 90% of 130?

$$? = .90 \times 130$$
$$\underline{117}$$

13) 140 is 70% of what?

$$P = R \times B$$
$$B = \frac{140}{.70}$$
$$\underline{B = 200}$$

7) 41% of 78 is what?

$$.41 \times 78 = ?$$
$$\underline{31.98}$$

14) 102 is 94% of what?

$$P = R \cdot B$$
$$\frac{102}{.94} = B$$
$$\underline{B = 108.5}$$