

## Review Exercise Set 24

Solve for the percent using the formula "Percent \* Base = Amount".

Exercise 1: What percent of 75 is 17.25?

Exercise 2: 28.8 is what percent of 90?

Exercise 3: 0.4 is what percent of 20?

Exercise 4: What percent of 110 is 126.5?

Exercise 5: 38.22 is what percent of 36.4?

## Review Exercise Set 24 Answer Key

Exercise 1: What percent of 75 is 17.25?

Let  $x$  = unknown percentage

$$x * 75 = 17.25$$

$$x * 75 \div 75 = 17.25 \div 75$$

$$x = 0.23$$

$$x = \mathbf{23\%}$$

Exercise 2: 28.8 is what percent of 90?

Let  $x$  = unknown percentage

$$28.8 = x * 90$$

$$28.8 \div 90 = x * 90 \div 90$$

$$0.32 = x$$

$$\mathbf{32\%} = x$$

Exercise 3: 0.4 is what percent of 20?

Let  $x$  = unknown percentage

$$0.4 = x * 20$$

$$0.4 \div 20 = x * 20 \div 20$$

$$0.02 = x$$

$$\mathbf{2\%} = x$$

Exercise 4: What percent of 110 is 126.5?

Let  $x$  = unknown percentage

$$x * 110 = 126.5$$

$$x * 110 \div 110 = 126.5 \div 110$$

$$x = 1.15$$

$$x = \mathbf{115\%}$$

Exercise 5: 38.22 is what percent of 36.4?

Let  $x$  = unknown percentage

$$38.22 = x * 36.4$$

$$38.22 \div 36.4 = x * 36.4 \div 36.4$$

$$1.05 = x$$

$$\mathbf{105\%} = x$$