math Antics Exercises

Name:

Date:

Percents & Equivalent Fractions

1 This problem shows a fraction's top and bottom numbers being multiplied by a missing number (n) to get an equivalent fraction. What is the missing number?

$$\frac{3 \times n}{25 \times n} = \frac{12}{100}$$

n = 4

2 This problem shows a fraction's top and bottom numbers being multiplied by a missing number (n) to get an equivalent fraction. What is the missing number?

$$\frac{5 \times n}{10 \times n} = \frac{50}{100}$$

n = 10

3 This problem shows a fraction's top and bottom numbers being divided by a missing number (n) to get an equivalent fraction. What is the missing number?

$$\frac{60 \div n}{200 \div n} = \frac{30}{100}$$

n = 2

4 This problem shows a fraction's top and bottom numbers being divided by a missing number (n) to get an equivalent fraction. What is the missing number?

$$\frac{40 \div n}{500 \div n} = \frac{8}{100}$$

n = 5

5 Convert this fraction into an equivalent fraction that has 100 as its bottom number. Then write it in percent form.

$$\frac{6 \times 10}{10 \times 10} = \frac{60}{100} = 60\%$$

Remember that you have to do the same thing to both the top and bottom numbers to get an equivalent fraction.

6 Convert this fraction into an equivalent fraction that has 100 as its bottom number. Then write it in percent form.

$$\frac{7 \times 4}{25 \times 4} = \frac{28}{100} = 28\%$$

7 Convert this fraction into an equivalent fraction that has 100 as its bottom number. Then write it in percent form.

$$\frac{8 \times 5}{20 \times 5} = \frac{40}{100} = 40\%$$

8 Convert this fraction into an equivalent fraction that has 100 as its bottom number. Then write it in percent form.

$$\frac{15 \div 3}{300 \div 3} = \frac{5}{100} = 5\%$$

See Video for step-by-step solutions to each problem.