

Module 8 Lesson 3

I will be able to solve percent problems!

Finding the Percent of a Number:

| | | |
|----------------------|----------|--|
| Set up a Proportion! | | |
| <u>Part (IS)</u> = | <u>%</u> | $\frac{\text{is}}{\text{of}} = \frac{\%}{100}$ |
| Whole (OF) | 100 | |
| Solve: | | |

Method 1 Practice:

1. What is 28% of 25?

7

$$\frac{7}{25} = \frac{28}{100}$$

$$25 \times 28 = 700$$
$$700 \div 100 = 7$$

2. Find 35% of 60.

21

$$\frac{x}{60} = \frac{35}{100}$$

$$35 \times 60 = 2100$$
$$2100 \div 100 = 21$$

3. What is 125% of 92?

115

$$\frac{115}{92} = \frac{125}{100}$$

$$125 \times 92 = 11500$$
$$11500 \div 100 = 115$$