

Example 1:

What is 70% of 8?

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Example 2:

57 is what percent of 30?

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Example 3:

12 is 8% of what number?

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Example 1: What is 70% of 8?

$$\frac{\text{is}}{\text{of}} = \frac{\%}{100}$$

$$\frac{x}{8} = \frac{70}{100}$$

$$100x = 8(70)$$

$$100x = 560$$

$$x = 5.6$$

Example 2: 57 is what percent of 30?

$$\frac{\text{is}}{\text{of}} = \frac{\%}{100}$$

$$\frac{57}{30} = \frac{x}{100}$$

$$30x = 57(100)$$

$$30x = 5700$$

$$x = 190\%$$

Example 3: 12 is 8% of what number?

$$\frac{\text{is}}{\text{of}} = \frac{\%}{100}$$

$$\frac{12}{x} = \frac{8}{100}$$

$$8x = 12(100)$$

$$8x = 1200$$

$$x = 150$$

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PERCENT OF A NUMBER

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Directions

Step 1: Print pages 1 & 2 front to back (I use the option to flip along the long edge).

Step 2: Cut the page in half (along the solid line), creating two foldables.

Step 3: Fold over the examples, so that the title "The Percent Proportion" is still visible. Then, cut on the dotted lines to create the three tabs.

The final product should look like this:

