PERCENT OF CHANGE is the percent a quantity (number) changes from its original amount.

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| **Formula**$$\frac{Amount of Change}{Original Amount}= \frac{Percent of Change}{100}$$ |

Example #1: Last semester, Mr. Dan’s 7th grade class had 17 students. This semester there are 15 students. Find the percent of change.

 Step 1 🡪 Find the amount of change

 17 – 15 = 2

 Step 2 🡪 Set up your equation

$\frac{2}{17}= \frac{ x }{100}$

 Step 3 🡪 Cross multiply

 2(100) = 17x

 Step 4 🡪 x = 11.76

 The number of students *decreased* by 11.76%

**Using the rest of this page and the backside, please come up with 3 other example problems for percent of change using the step-by-step model.**