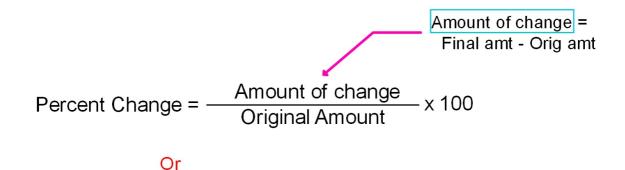
Sec 4-4: Percent Change



1. The price of a car was \$12,500. There was a 12% decrease in the price. Find the new price.

$$\frac{12}{100} = \frac{x}{12500} \quad x = 1500 \longrightarrow 12,500 - 1500$$

$$= 11,000$$

$$(.88)(12,500) = 11,000$$

2. The number of students at a school was 1400. The next year there was a 1.5% increase in the number of students. How many students were there the next year?

In students were there the next year?
$$(-0.5)(1400) = 21$$

$$(-0.5)(1400) = 21$$

$$(-0.5)(1400) = -1421$$

$$(-0.5)(1400) = -1421$$