

Percent of Change – Meet the Skill

Name _____

Date _____

Fill the missing parts in the base/with tax price chart.

Old Price	Percent of Change	New Price
\$300		\$336

Solution

In this table, we have

Old Price = \$300

New Price = \$336

Percent of change is to be calculated.

Now, find out the sales tax using the formula

$$\text{New Price} = \text{Old Price} + \left(\text{old price} \times \frac{\text{percent change}}{100} \right)$$

Now, put the values in this formula.

$$336 = 300 + \left(300 \times \frac{\text{percent change}}{100} \right)$$

$$336 - 300 = \left(300 \times \frac{\text{percent change}}{100} \right)$$

$$36 = \frac{300 \times \text{percent change}}{100}$$

$$\text{Percent change} = \frac{36 \times 100}{300}$$

$$\text{Percent change} = \frac{3600}{300}$$

$$\text{Percent change} = 12\%$$

Answer: Percent change = 12%