

Lesson 5-2 → How Percent Change
Should Have Been
Taught

A pair of sneakers originally cost
\$120 and is offered at 20% off.
What is the sale price?

$$\text{New Amount} = \text{Original Amount} \left(1 \pm \begin{array}{l} \text{Decimal} \\ \text{Percent} \\ \text{change} \end{array} \right)$$

$$\text{New Amount} = 120 (1 - 0.20)$$

$$\text{New Amount} = 120 (0.8)$$

$$\text{New Amount} = 96$$