

Calculating Percent Decrease

Calculate the percent decrease:

80 ← Starting Value

60 ← Final Value

STEP 1: Find the difference

$$\begin{array}{cc} \text{Starting} & \text{Final} \\ \mathbf{80} & - \mathbf{60} = \mathbf{20} \end{array}$$

STEP 2: Divide by the starting value.

$$\mathbf{20} \div \begin{array}{c} \text{Starting} \\ \mathbf{80} \end{array} = \mathbf{0.25} \quad \leftarrow \begin{array}{l} \text{Express as} \\ \text{a decimal} \end{array}$$

STEP 3: Multiply by 100

$$\mathbf{0.25} \times \mathbf{100} = \mathbf{25\% \text{ decrease}}$$