

Percentage Increase and Decrease (A)

For percentage increase, find the increase and add it to the original amount.

For percentage decrease, find the decrease and subtract it from the original amount.

Increase 480 by 10%.

$$10\% \times 480 = 48$$

$$480 + 48 = 528$$

Increase 180 by 25%.

$$\begin{aligned} 25\% \times 180 &= \frac{1}{4} \times 180 \\ &= 45 \end{aligned}$$

$$180 + 45 = 225$$

Decrease 460 by 50%.

$$\begin{aligned} 50\% \times 460 &= \frac{1}{2} \times 460 \\ &= 230 \end{aligned}$$

$$460 - 230 = 230$$