

2. To increase an amount by a percentage:
- * Work out the percentage of the amount
 - * Add this amount to the original amount.

Example 2: Increase 160 by 15%

Solution: $10\% = 16$

$$5\% = 8$$

$$\begin{aligned}15\% &= 10\% + 5\% \\ &= 16 + 8 \\ &= 24\end{aligned}$$

$$\begin{aligned}\text{Increase 160 by } 15\% &= 160 + 24 \\ &= 184\end{aligned}$$