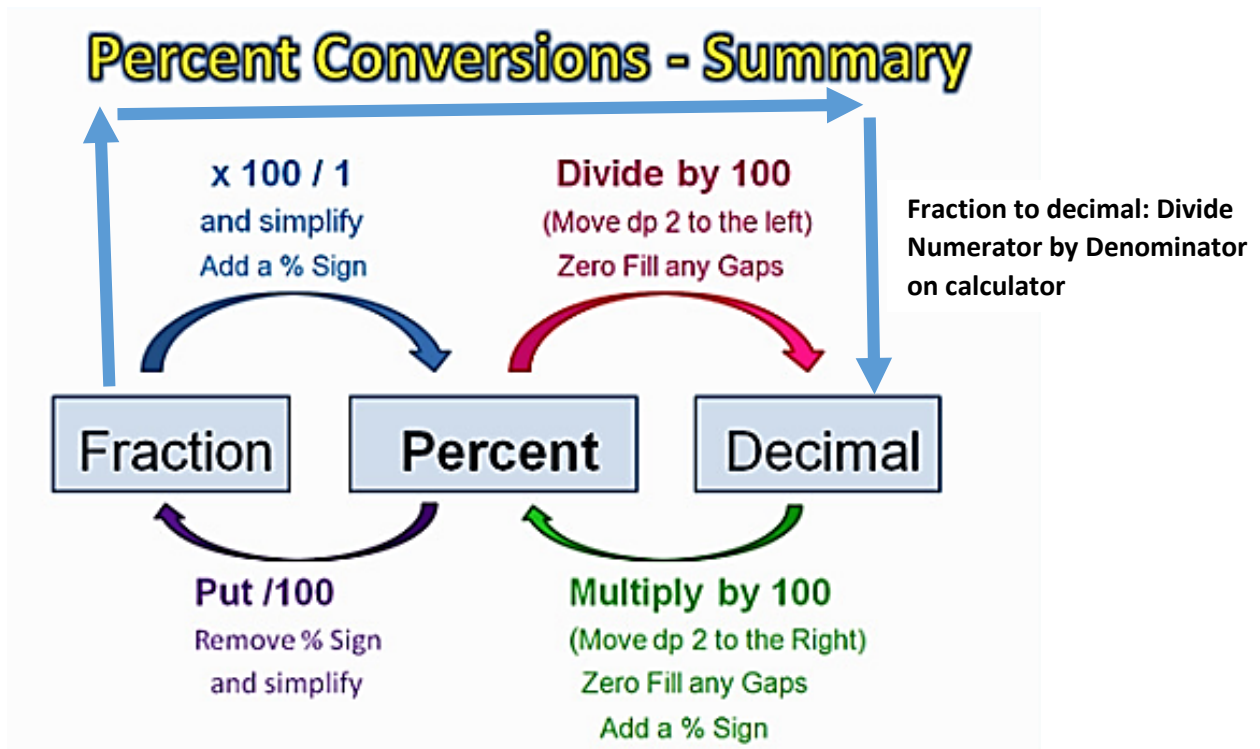


PERCENTAGES FORMULA SHEET: Year 8



PERCENTAGE INCREASE and PERCENTAGE DECREASE

$$\text{Percentage Increase} = \frac{\text{Increase}}{\text{Original amount}} \times 100\%$$

$$\text{Percentage Decrease} = \frac{\text{Decrease}}{\text{Original amount}} \times 100\%$$

DISCOUNT

$$\text{Cash Discount} = \text{Marked (original) price} - \text{Sale Price}$$

PERCENTAGE DISCOUNT

$$\text{Percentage Discount} = \frac{\text{Discount}}{\text{Original price}} \times 100\%$$

PROFIT and LOSS

$$\text{Profit} = \text{Sales Price} - \text{Cost Price}$$

$$\text{Loss} = \text{Cost Price} - \text{Sales Price}$$

PERCENTAGE PROFIT and PERCENTAGE LOSS

$$\text{Percentage Profit} = \frac{\text{Profit}}{\text{Cost Price}} \times 100\%$$

$$\text{Percentage Loss} = \frac{\text{Loss}}{\text{Cost Price}} \times 100\%$$