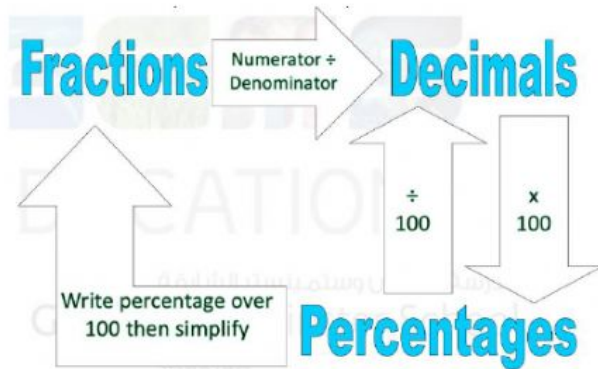


TASK PLAN- Percentage, Decimals and Fractions

LFQ: How do you revisit Percentage, decimals and fractions?



Increase £50 by 60%.

$$160\% \times £50 = 1.6 \times £50 \\ = £80$$

IGCSE Math Number – Calculate percentage increase or decrease

TALHA'S
NOTES

Percentage Increase
& Decrease

$$\frac{\text{New value} - \text{Original value}}{\text{Original value}} \times 100$$

Example

The price of a plane ticket has increased from \$600 to \$750.
Calculate the percentage increase

$$\frac{750 - 600}{600} \times 100 = 25\%$$

on your calculator

$$\% \text{ Increase} \\ = 25\%$$

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Try it !



Calculate 80% of 30

- a) 3
- b) 2.4
- c) 24
- d) 30

Decrease 18000 by 6%

- a) 16920
- b) 1080
- c) 19080
- d) 17400

**Find the percentage change in the following price reduction:
£320 to £272**

- a) 48%
- b) 85%
- c) 15%
- d) 75%

**Find the new value when \$20
is increased by 10%**

- a) \$21
- b) \$22
- c) \$23
- d) \$24