



1) True or False? Give an example that proves when a statement is true.

a) To find 30% of a number, I can divide the number by 10 then multiply by 3.

b) To find 30% of a number, I can divide the number by 30.

c) To find 30% of a number, I can divide the number by 100 then multiply by 30.

- 2) Jemelin, Riyonn and Lubna are discussing their methods for finding 15% of 800. Will each child's method work? Which method do you prefer and why?



Jemelin:

I know $10\% + 5\% = 15\%$
 10% of $800 = 80$
 5% is half of 10% so 5% equals 40 .
 $80 + 40 = 120$



Riyonn:

I know $1\% \times 15 = 15\%$
 1% of $800 = 8$
 $15 \times 8 = 120$



Lubna:

I know $25\% - 10\% = 15\%$
 25% of $800 = 200$
 10% of $800 = 80$
 $200 - 80 = 120$

Problem Solving

A shop has a clothing sale on with 10% off each item – what will each item cost?

- T-Shirt: £10
- Jumper: £12
- Shorts: £7
- Coat: £34



Problem Solving

Increase the following recipe by 50%.

*Strawberry and banana
smoothie*
Serves 2

Ingredients:
2 Bananas
60g mango
100g natural yoghurt
80ml orange juice

