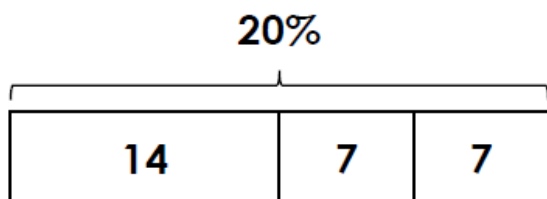


26/01/21 - Spicy

LO: To find missing numbers using percentages of amounts.

Find the whole by using the bar model below to help you.



Find the missing values.

$$5\% \text{ of } 60 = \boxed{}$$

$$10\% \text{ of } \boxed{} = 84$$

$$41\% \text{ of } 30 = \boxed{}$$

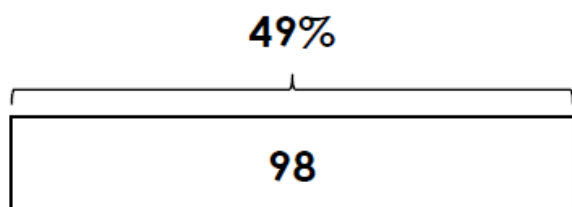
$$25\% \text{ of } \boxed{} = 15$$

A sweet shop makes 45% of its yearly profit in the month of December.

This December they made a profit of £5,400.

How much was their profit for the whole year?

If 49% of a whole is 98, what number is the whole?



The children disagree about how to find 35% of 500.



Leon

I've found that $150 = 30\%$, so 35% must be 155.



Marcus

I've found that $50 = 10\%$, so 35% must be 175.

Who is correct? Explain why.

A garden centre has a variety of plants; there are 200 plants altogether.

85% of the plants are roses.

60% of the roses are red, the rest are yellow.

How many red roses are there? How many yellow roses are there?

The children disagree about how to find 87.5% of 300.



Leida

I've found that $37.5 = 12.5\%$, so 87.5% must be 262.5.



Donnie

I've found that $15 = 5\%$, so 87.5% must be 255.

Who is correct? Explain why.