

10.02.21 Fluent in five

1) $4000 + \underline{\hspace{2cm}} = 6500$

2) $901,002 + 463,522 =$

3) $7,238 \div 100 =$

4) $\frac{2}{10} \div 4 =$

5) $6.12 \times 4 =$

6) $54.294 - 11.58 =$

1) $3200 + \underline{\hspace{2cm}} = 4000$

2) $8,523 + 4,924 =$

3) $1930 - 785 =$

4) $934 \div 4 =$

5) $3.12 \times 3 =$

WALT find the missing value

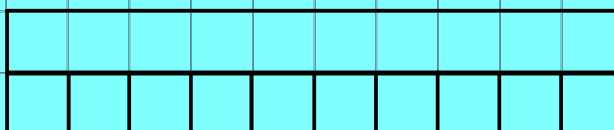
<https://vimeo.com/498013311>



Today, we are going to use our knowledge of finding percentage of amounts to find the missing value.

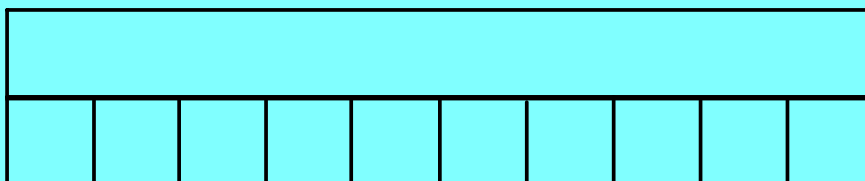
For example

$$10\% \text{ of } \underline{\quad\quad\quad} = 12$$



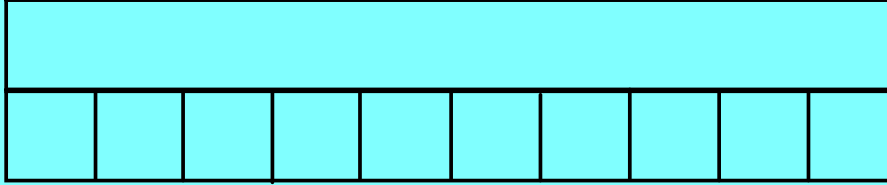
What about this one.

$$10\% \text{ of } \underline{\quad\quad\quad} = 35$$



What happens if it isn't 10%?

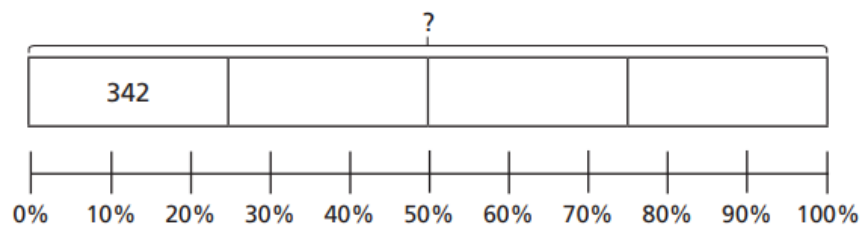
30% of _____ = 45



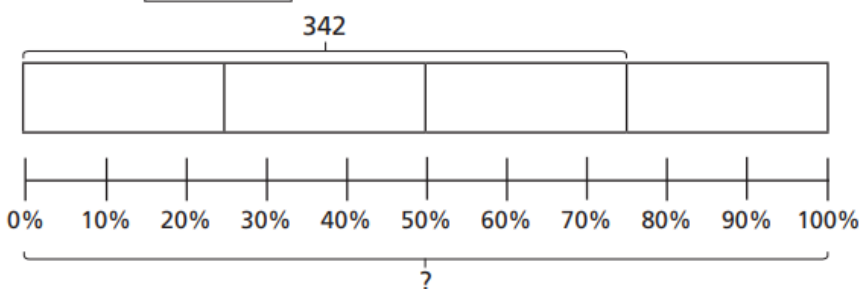
50% of _____ = 40



a) 25% of = 342



d) 75% of = 342

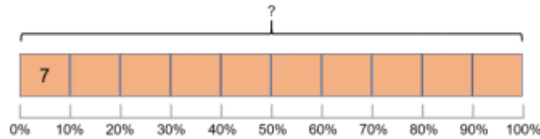


Varied Fluency

- 350,000 people visited the Natural History Museum last week.
15% of the people visited on Monday.
40% of the people visited on Saturday.
How many people visited the Natural History Museum during the rest of the week?

- If 7 is 10% of a number, what is the number?

Use the bar model to help you.



- Complete:

$$10\% \text{ of } 150 = \square \qquad 30\% \text{ of } \square = 45$$

$$30\% \text{ of } 300 = \square \qquad 30\% \text{ of } \square = 900$$

Can you see a link between the questions?

What percentage questions can you ask about this bar model?



Fill in the missing values to make this statement correct.

Can you find more than one way?

$$25\% \text{ of } \square = \square \% \text{ of } 60$$

A golf club has 200 members.

58% of the members are male.

50% of the female members are children.

- (a) How many male members are in the golf club?
- (b) How many female children are in the golf club?

$$10\% \text{ of } \boxed{} = 200$$



I know that to find 10% I have to divide by 10, so the answer is 20

- a) What mistake has Eva made?