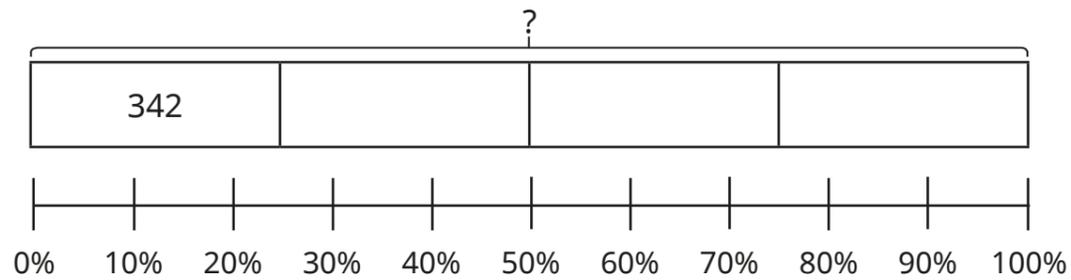


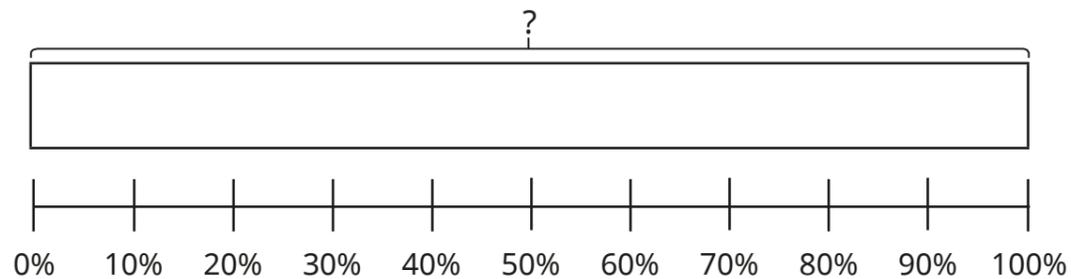
Percentages – missing values

1 Complete the bar models to find the missing numbers.

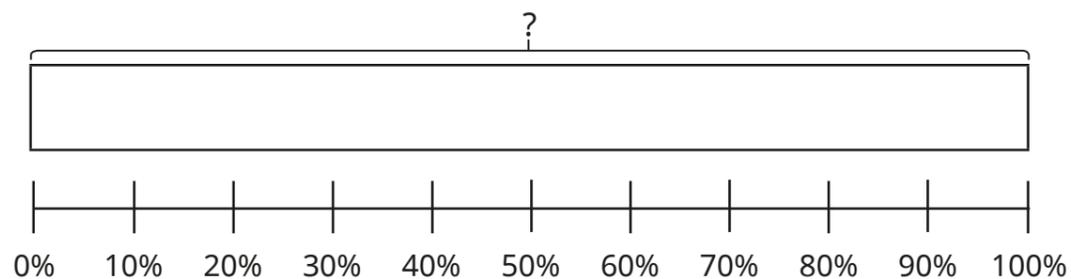
a) 25% of = 342



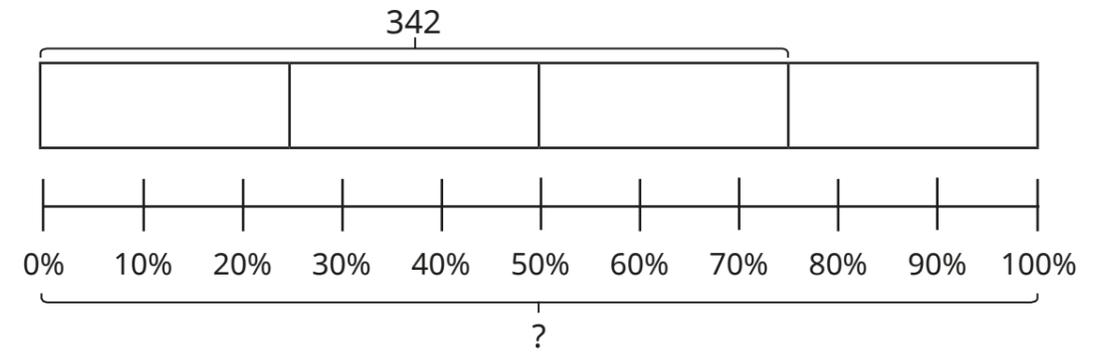
b) 10% of = 342



c) 50% of = 342



d) 75% of = 342



2 Tiny is finding the missing number.

10% of = 200

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



a) What mistake has Tiny made?

b) Draw a bar model to help Tiny find the correct answer.

c) What is the correct answer?





3 40% of the children in a school are boys.
There are 188 boys in total.
The rest are girls.

a) How many children are there altogether?

b) How many girls are there?

4 Complete the calculations.

a) 20% of = 30

c) % of 400 = 100

20% of = 60

% of 300 = 225

b) 10% of = 40

d) 80% of = 32

10% of = 20

% of 32 = 8



5 The table shows the number of people who visited a cinema over four days.

Day	Percentage of total visitors	Number of visitors
Thursday	10%	
Friday		448
Saturday	45%	
Sunday		
Total		2,240

a) Fill in the missing information.



b) How many more people went to the cinema on Saturday than on Sunday?

c) 60% of the visitors were children.
How many children went to the cinema?

6 Find three different solutions to make the statement correct.

10% of  =  % of 50

What do you notice about your answers?

Talk about it with a partner.

