

Percentage of an amount – one step

1 Match the fractions to the equivalent percentages.

$$\frac{1}{2}$$

25%

$$\frac{1}{100}$$

1%

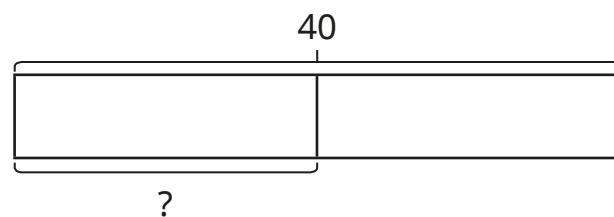
$$\frac{1}{10}$$

50%

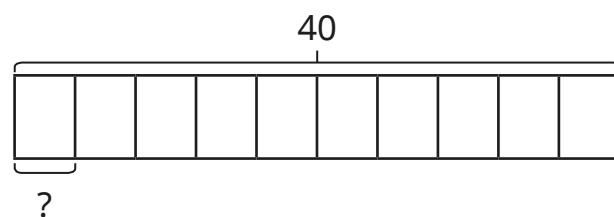
$$\frac{1}{4}$$

10%

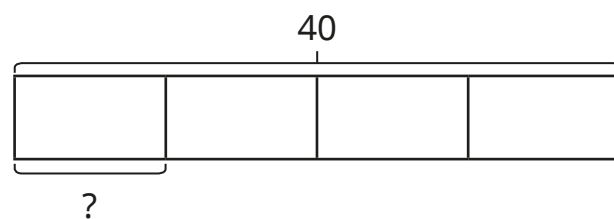
2 Match each bar model to the statement it represents.



10% of 40



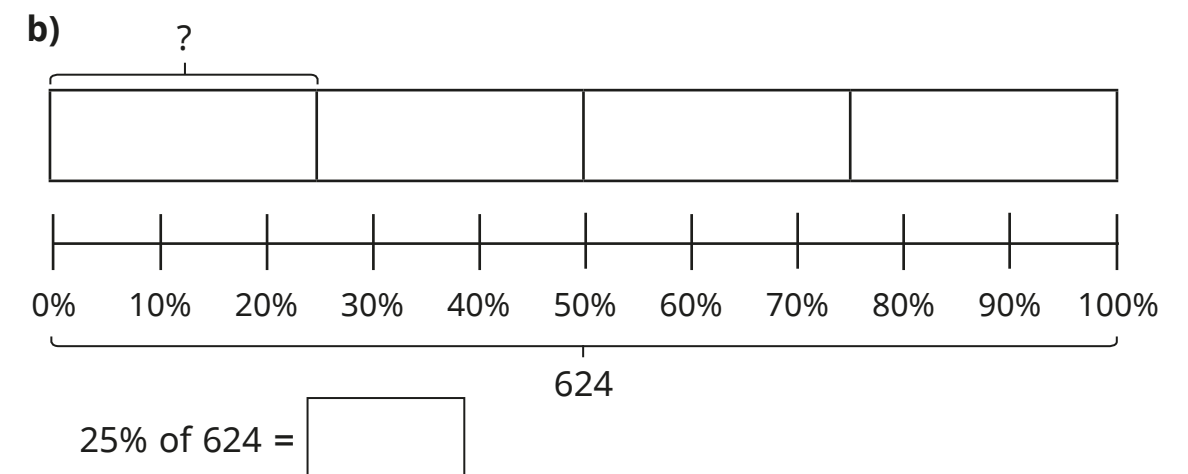
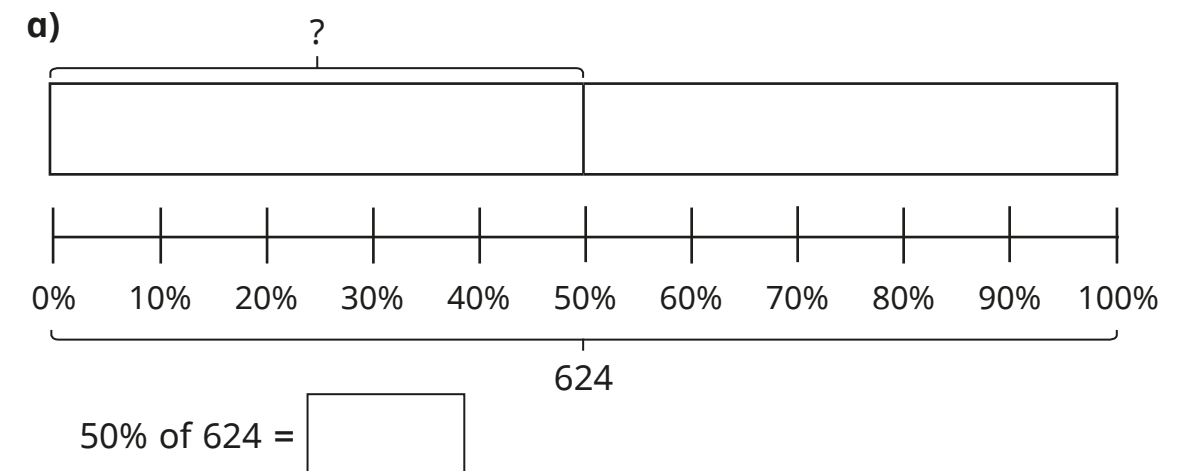
25% of 40



50% of 40

Compare answers with a partner.

3 Use the bar models to help you complete the calculations.



What do you notice about your answers?

4 Draw bar models to help you complete the calculations.

a) 50% of 3,420 =

b) 25% of 3,420 =

c) 10% of 3,420 =

5 Complete the calculations.

a) 50% of 3,000 =

c) 10% of 3,000 =

50% of 1,500 =

10% of 1,500 =

50% of 500 =

10% of 500 =

b) 25% of 3,000 =

d) 1% of 3,000 =

25% of 1,500 =

1% of 1,500 =

25% of 500 =

1% of 500 =

What do you notice about your answers?



6 Workers in a toy factory aim to pack 2,560 boxes each day.
At 10:00 am they have completed 25% of their target.

a) How many boxes have they packed?

By midday the workers have packed 50% of their target.

At 2:00 pm they have packed another 10% of their target.

b) How many more boxes do they need to pack to meet the daily target?

7 Follow the steps to find a way through the maze.

