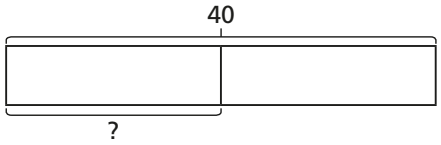
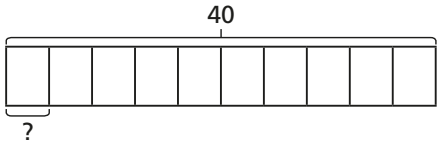
Percentage of an amount (1)

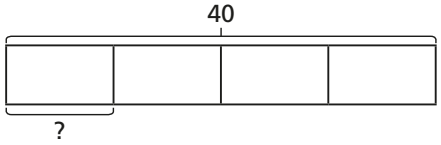
1 Match the equivalent fractions to the percentages.

$\frac{1}{2}$	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

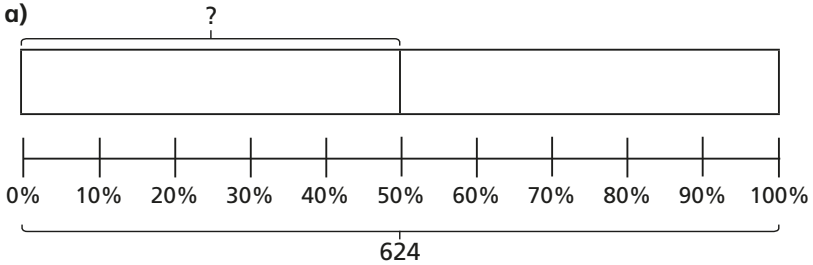
25% of 40

50% of 40

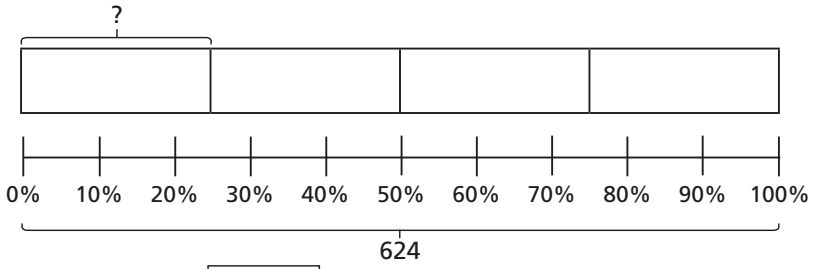
Compare answers with a partner.

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

a)



50% of 624 = ☐



25% of 624 = ☐

What do you notice about your answers?

b) Use bar models to work out the calculations.

50% of 3,420

25% of 3,420

10% of 3,420

4 Work out the calculations.

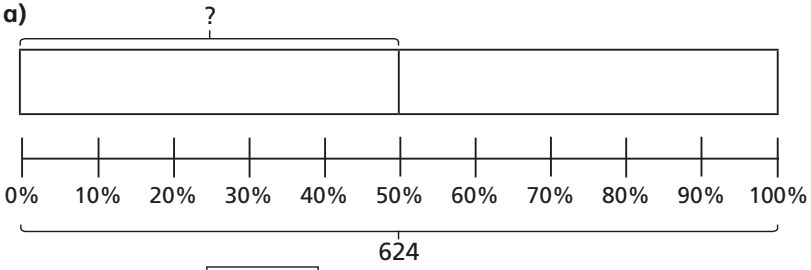
a)	**b)**	**c)**	**d)**
50% of 3,000	25% of 3,000	10% of 3,000	1% of 3,000
50% of 1,500	25% of 1,500	10% of 1,500	1% of 1,500
50% of 500	25% of 500	10% of 500	1% of 500

What do you notice about your answers?

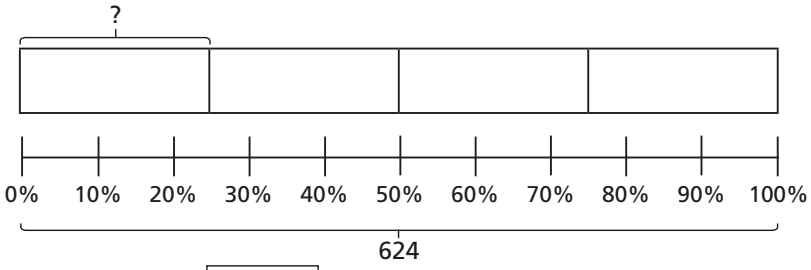
Percentage of an amount (1)

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

a)



50% of 624 = ☐



25% of 624 = ☐

What do you notice about your answers?

b) Use bar models to work out the calculations.

50% of 3,420

25% of 3,420

10% of 3,420

4 Work out the calculations.

a)	**b)**	**c)**	**d)**
50% of 3,000	25% of 3,000	10% of 3,000	1% of 3,000
50% of 1,500	25% of 1,500	10% of 1,500	1% of 1,500
50% of 500	25% of 500	10% of 500	1% of 500

What do you notice about your answers?

5 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 they 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?

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