

25.01.22

WALT: Find a percentage on an amount (1)

Fluency

- 1 Match the equivalent fractions to the percentages.

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

25%

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

1%

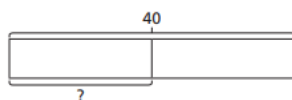
$$\frac{1}{10}$$

50%

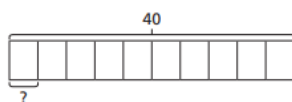
$$\frac{1}{4}$$

10%

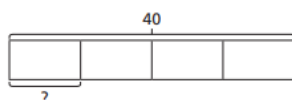
- 2 Match each bar model to the statement it represents.



10% of 40



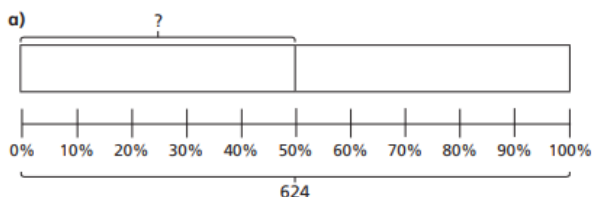
25% of 40



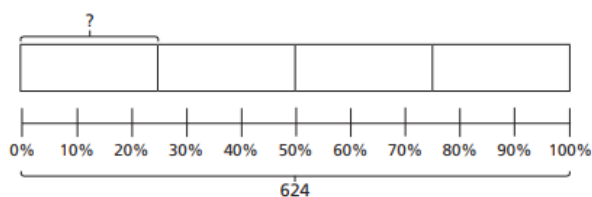
50% of 40

Varied Fluency

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



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

Reasoning

- 4 Work out the calculations.

- a) 50% of 3,000 b) 25% of 3,000 c) 10% of 3,000 d) 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?

Problem Solving – Mastery

- 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.

