

## Fluency

1 Complete the turns table.

Start facing	Turn	Now facing
north ↑	quarter turn clockwise	
east →	half turn	
south ↓	quarter turn anti-clockwise	
west ←	three-quarter turn clockwise	
north ↑	full turn	

2 Tick the correct answer.

Describe the position. Use above, below, left of, right of, between.



- The star is \_\_\_\_\_ the square.
- The triangle is \_\_\_\_\_ the circle.
- The square is \_\_\_\_\_ the triangle and the circle.

## Word Problem

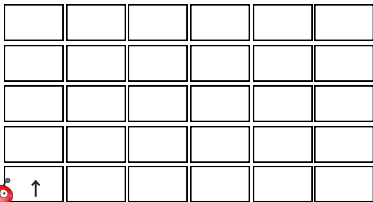
3 Leo faces North. He makes 3 quarter turns clockwise. Show each step.

1st quarter turn: North → \_\_\_\_\_

2nd quarter turn: \_\_\_\_\_ → \_\_\_\_\_

3rd quarter turn: \_\_\_\_\_ → \_\_\_\_\_

4 A ladybird faces up ↑. It walks 3 squares forward, makes a quarter turn clockwise, then walks 2 squares forward. Draw its path.



## Reasoning

5 True or False

- “A quarter turn clockwise is the same as a three-quarter turn anti-clockwise.”

TRUE     FALSE

because \_\_\_\_\_

- “Two half turns bring you back to the start.”

TRUE     FALSE

because \_\_\_\_\_

