Turns and angles

6 practice questions

1. An arrow points up. Turn it one quarter clockwise. Which way does it point?

Up → right is one clockwise quarter turn.

Answer: Right.

2. An arrow points left. Turn it half a turn. Which way does it point?

A half turn points in the opposite direction.

Answer: Right.

3. A robot faces down. It turns one quarter anticlockwise. Which way does it face?

Anticlockwise from down moves towards right.

Answer: Right.

4. An arrow points up. Turn it three quarters clockwise. Which way does it point?

Up → right → down → left.

Answer: Left.

5. How many half turns make one full turn?

Two halves make a whole turn.

Answer: 2

6. A child makes a full turn and says they now face the opposite way. Explain the error.

Track four quarter turns to check.

Answer: A full turn returns to the starting direction; a half turn faces the opposite way.