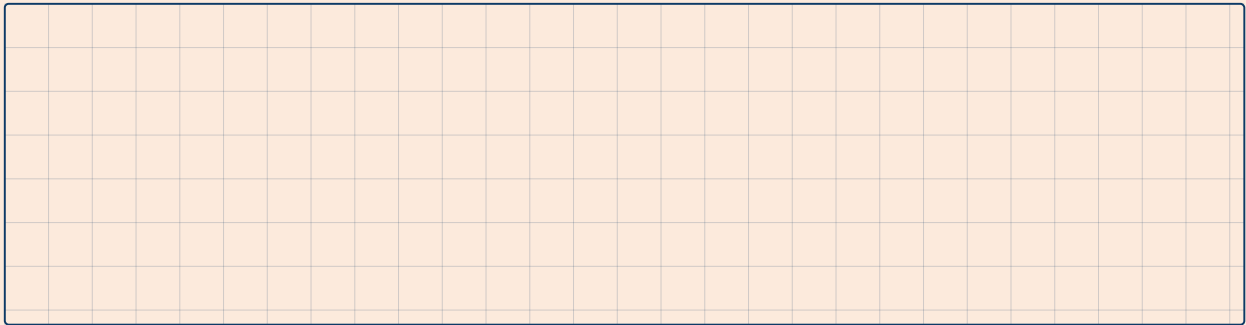


COMPARE TWO TURNS

- 1 Start facing front.
- 2 Make a small turn to the side.
- 3 Make a much bigger turn round.
- 4 The second turn has the bigger angle.

WARM-UP

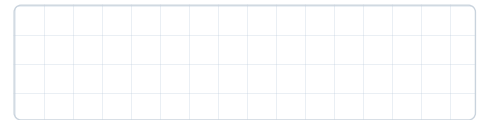
Draw each angle as two arms from one point, then compare it with a square corner.



1. Draw an angle smaller than a square corner.
2. Draw an angle the same size as a square corner.
3. Draw an angle wider than a square corner, then say which of your three opens widest.

PRACTICE

- 1 In the game you open the toy car door a little then all the way. Which opening makes the bigger angle?
- 2 At playtime you spin the spinner a little then much further. Which turn makes the bigger angle?
- 3 In the playground game two children turn from the same corner. One turns a quarter way round, the other half way round. Whose angle is bigger?



SPOT THE MISTAKE

Niamh compares two angles. Angle A has short arms and a wide opening. Angle B has long arms and a narrow opening. She says:

Angle B is bigger because its arms are longer.

Niamh is wrong. What really decides which angle is bigger?

REFLECT

Does the length of the arms change how big an angle is, or only the turn?

