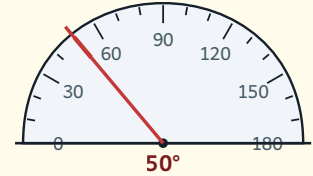


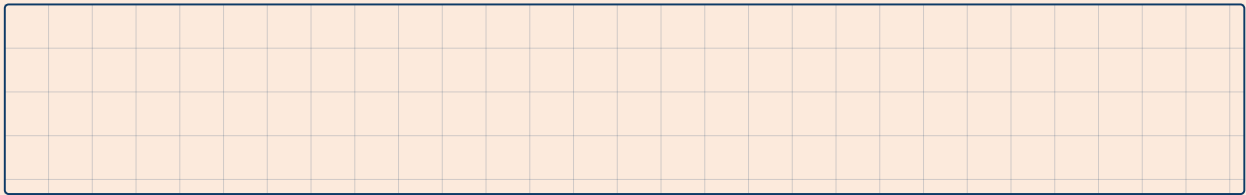
IS THIS ANGLE ACUTE OR OBTUSE?

- 1 The drawn angle opens to 50° .
- 2 A right angle (square corner) is exactly 90° .
- 3 50° is smaller than the square corner, so the angle is acute.



WARM-UP

Use the corner of your own copybook as a right-angle checker. Draw each angle on the squared space and label it.



1. Draw an angle that is smaller than your copybook corner and label it acute.
2. Draw an angle that fits your copybook corner exactly and label it a right angle.
3. Draw an angle that is wider than your copybook corner and label it obtuse.

PRACTICE

- 1 Sadhbh checks the bottom corner of the whiteboard with her copybook corner and it fits exactly. Is this angle acute, right or obtuse?
- 2 In art class Liam opens the scissors only slightly to snip a thread. Is the angle at the join acute, right or obtuse?
- 3 Cian holds his page corner against the open lid of his desk and the lid opens wider than the corner. Is it acute, right or obtuse?

SPOT THE MISTAKE

Sophie holds a right-angle checker against an angle and says:

The angle is wider than a square corner.
So it is acute.

Sophie mixed up the names. What is the correct name for her angle?

REFLECT

Does checking against a right angle make acute and obtuse angles easier to name?

