

# Angles: an angle is an amount of turn

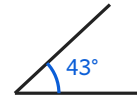
MODULE 7 · 2D AND 3D SHAPES AND ANGLES SHAPE & SPACE

## HOW TO ANSWER TODAY

- **Classify an angle.** Acute  $< 90^\circ$  · right =  $90^\circ$  · obtuse  $90^\circ - 180^\circ$  · straight =  $180^\circ$  · reflex  $> 180^\circ$ .  
 $75^\circ \rightarrow$  acute ·  $120^\circ \rightarrow$  obtuse ·  $220^\circ \rightarrow$  reflex

## ★ STRETCH PROBLEMS

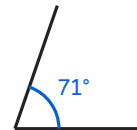
- 1 Aoife is designing a mosaic tile for the school library wall. One of the coloured pieces has a corner that measures  $43^\circ$ . Is this angle acute, right, obtuse, straight or reflex?



- 2 Cian is drawing a plan of the school yard in art class and marks the corner where two paths meet as  $161^\circ$ . Is this angle acute, right, obtuse, straight or reflex?



- 3 Cian is painting a slice of colour onto his papier-mâché mask for the school play. The two sides of the slice meet at an angle of  $71^\circ$ . Is that angle acute, right, obtuse, straight or reflex?



- 4 Aoife is sewing triangular bunting for the school summer fair. She measures the angle at the top of one triangle as  $126^\circ$ . Is this angle acute, right, obtuse, straight or reflex?



- 5 Aoife measures a corner where two fabric pieces meet on the class quilt and finds an angle of  $133^\circ$ . Is this angle acute, right, obtuse, straight or reflex?

