

Angles – an angle is an amount of turn

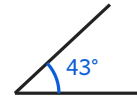
MODULE 7 · 2D AND 3D SHAPES AND ANGLES SHAPE & SPACE

HOW TO ANSWER TODAY

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

★ STRETCH PROBLEMS

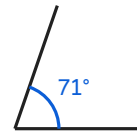
- 1 Aoife is designing a mosaic tile for the school library wall. One of the coloured pieces has a corner that measures 43° . Is this angle acute, right, obtuse, straight or reflex?



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

