Angles: an angle is an amount of turn

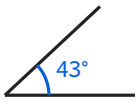
MODULE 7 · 2D AND 3D SHAPES AND ANGLES SHAPE & SPACE

HOW TO ANSWER TODAY

- **Classify an angle.** Acute < 90° · right = 90° · obtuse 90°–180° · straight = 180° · reflex > 180°.
  75° → acute 120° → obtuse 220° → reflex

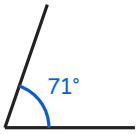
STRETCH PROBLEMS

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?

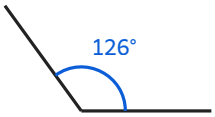


2. Cian is drawing a plan of the school yard in art class and marks the corner where two paths meet as **161°**. Is this angle acute, right, obtuse, straight or reflex?

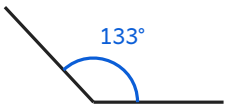
3. Cian is painting a slice of colour onto his papier-mâché mask for the school play. The two sides of the slice meet at an angle of **71°**. Is that angle acute, right, obtuse, straight or reflex?



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?



SHAPE & SPACE