

Drawing angles with a protractor

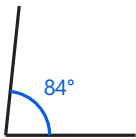
MODULE 6 · 2D AND 3D SHAPE, ANGLES, SYMMETRY SHAPE & SPACE

HOW TO ANSWER TODAY

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

STRETCH PROBLEMS

1



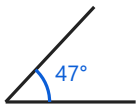
Cian is marking out a mini athletics track in the yard for sports day. The two boundary lines at the start meet at an angle of 84° . Is this angle acute, right, obtuse, straight or reflex?

2



Saoirse is making a scale drawing of the school yard for art class. One of the corners between the wall and the fence measures 126° on her protractor. Is this angle acute, right, obtuse, straight or reflex?

3



For Engineers Week, Tadhg is cutting a wooden bracket for the class woodwork project. He measures one of the corners and the protractor reads 47° . Is this angle acute, right, obtuse, straight or reflex?