

Comparing angles to a right angle – acute and obtuse

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

HOW TO ANSWER TODAY

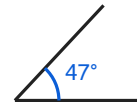
- **Classify an angle.** Acute $< 90^\circ$ · right = 90° · obtuse $90^\circ - 180^\circ$ · straight = 180° · reflex $> 180^\circ$.
 $75^\circ \rightarrow$ acute · $120^\circ \rightarrow$ obtuse · $220^\circ \rightarrow$ reflex

★ STRETCH PROBLEMS

- 1 Cian marks the corner of a new triangular flower patch in the school garden with a wooden peg. He measures the angle at the peg as 17° . Is this angle acute, right, obtuse, straight or reflex?



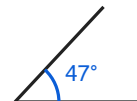
- 2 Cian tilts a giant chess piece on the yard chessboard and it leans at 47° from upright. Is that angle acute, right, obtuse, straight or reflex?



- 3 Aoife measures one of the corners on the kite she is building at the after-school crafts club. The corner has an angle of 15° . Is this angle acute, right, obtuse, straight or reflex?



- 4 Cian uses a protractor to measure the corner where two lines meet on the hopscotch grid painted in the school yard. The angle measures 47° . Is this angle acute, right, obtuse, straight or reflex?



- 5 Cian marks out the corner where two lanes of the mini athletics track meet in the yard. He measures the angle at the corner as 73° . Is this angle acute, right, obtuse, straight or reflex?

