

Angles – an angle is an amount of turn

MODULE 7 · 2D AND 3D SHAPES AND ANGLES

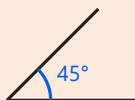
SHAPE & SPACE

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

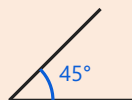
WARM-UP

1



Cian is planning a triangular flowerbed for the school garden. One corner of the bed measures 45° . Is this angle acute, right, obtuse, straight or reflex?

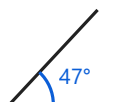
2



Cian is designing a tessellation pattern for the corridor display in 4th class. One of the shapes in his pattern has a corner measuring 45° . Is this angle acute, right, obtuse, straight or reflex?

PRACTICE

1



Cian is drawing the snake heads on a homemade Snakes and Ladders board. He measures the angle at one snake's fang as 47° . Is this angle acute, right, obtuse, straight or reflex?

2



Aoife is designing a mosaic tile for the school library wall. One of the pointed shapes in her pattern has an angle of 158° at its tip. Is this angle acute, right, obtuse, straight or reflex?