

# Angles – what is an angle?

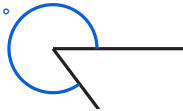
MODULE 6 · 2D AND 3D SHAPE, ANGLES, SYMMETRY SHAPE & SPACE

## 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

## STRETCH PROBLEMS

1



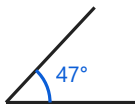
Aoife is pinning a tricolour streamer across the class door for Seachtain na Gaeilge. The streamer turns through an angle of  $307^\circ$  from its starting position. Is this angle acute, right, obtuse, straight or reflex?

2



Saoirse helps paint a new hopscotch design on the school yard. Two of the chalk lines meet at an angle of  $158^\circ$ . Is this angle acute, right, obtuse, straight or reflex?

3



Aoife is designing a tile pattern for the new mosaic on the school library wall. One of the tiles in her sketch has a pointed corner measuring  $47^\circ$ . Is this angle acute, right, obtuse, straight or reflex?