

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° · obtuse 90° – 180° · straight = 180° · reflex $> 180^\circ$.
 $75^\circ \rightarrow$ acute · $120^\circ \rightarrow$ obtuse · $220^\circ \rightarrow$ reflex

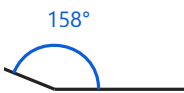
★ STRETCH PROBLEMS

1



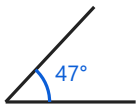
Aoife is pinning a tricolour streamer across the class door for Seachtain na Gaeilge. The streamer turns through an angle of 307° from its starting position. Is this angle acute, right, obtuse, straight or reflex?

2



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