

Angle sums in triangles and quadrilaterals – 180° and 360°

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

HOW TO ANSWER TODAY

- **Quadrilateral angles.** Quadrilateral angles add to 360° . Add the three you know, then subtract from 360° .

$$70^\circ + 80^\circ + 90^\circ = 240^\circ. 360^\circ - 240^\circ = 120^\circ$$

- **Triangle angles.** Triangle angles add to 180° . Add the two you know, then subtract from 180° .

$$45^\circ + 60^\circ = 105^\circ. 180^\circ - 105^\circ = 75^\circ$$