

Right angles – finding them in shapes and the room

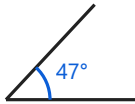
MODULE 7 · 2D AND 3D SHAPES AND ANGLES SHAPE & SPACE

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

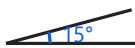
STRETCH PROBLEMS

1



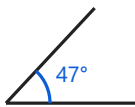
Oisín and Cara are building a den in the school orchard. Two of the branches lean together to make an angle of 47° . Is this angle acute, right, obtuse, straight or reflex?

2



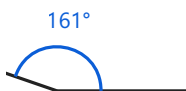
Aoife is cutting triangle flags for the school summer fair bunting. Each flag has a sharp point that measures 15° . Is this angle acute, right, obtuse, straight or reflex?

3



Cian is helping mark out a triangular flowerbed in the school garden. One corner of the bed measures 47° . Is this angle acute, right, obtuse, straight or reflex?

4



Aoife is painting new hopscotch squares on the school yard. One of the chalk lines meets another at an angle of 161° . Is this angle acute, right, obtuse, straight or reflex?