

Comparing angles to a right angle – acute and obtuse

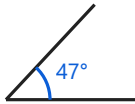
MODULE 7 · 2D AND 3D SHAPES AND ANGLES SHAPE & SPACE

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



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?

2



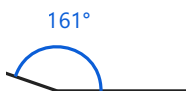
Oisín is drawing arrows on his homemade Snakes and Ladders board. One of the arrows turns through an angle of 158° . Is this angle acute, right, obtuse, straight or reflex?

3



Cian is building a den with branches in the school orchard. Two of the branches meet at an angle of 126° . 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?