Year 6
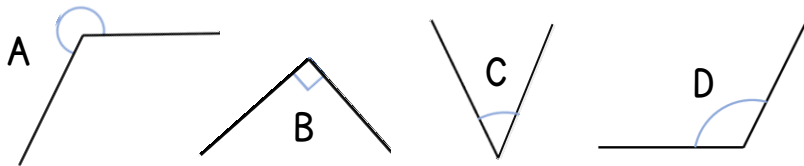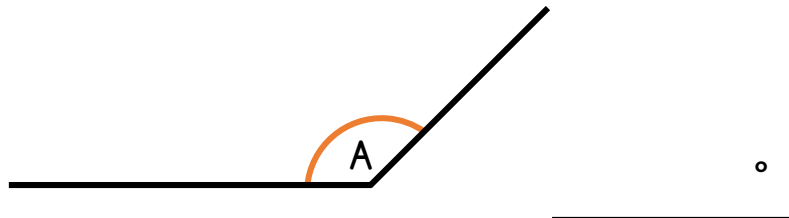
Properties of Shape

Name _____

1 Sort the angles into the table.

Reflex	Acute	Right angle	Obtuse

2 marks

2 Measure the size of angle A.
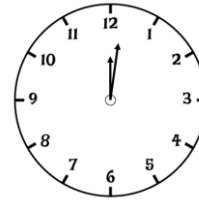

_____ °

1 mark

Is your answer sensible? Explain why.

1 mark

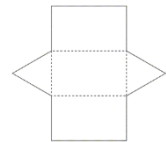**3** How many degrees does the minute hand move in 15 minutes?
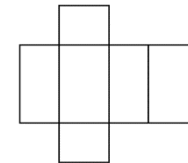

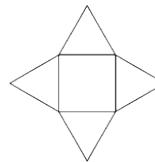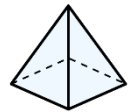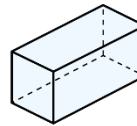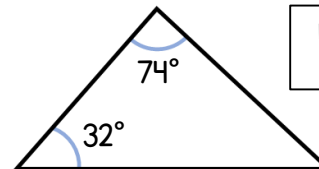
_____ °

1 mark

4 Match the 3D shapes to their net.

2 marks

5 Calculate the missing angle in the triangle.

74°

32°

Not drawn to scale.

_____ °

1 mark

What type of triangle is this?

_____

1 mark

6 Calculate the size of angle t.

Not drawn to scale.

$117°$ $t°$

$t =$ _____ $°$

7 On the grid, draw a hexagon that has **more** than 3 right-angles.

8 Calculate the missing angles in the triangle.

Not drawn to scale.

$49°$ $52°$ $a°$ $b°$

$a =$ _____ $°$

$b =$ _____ $°$

9 The diagram shows a square and an equilateral triangle.

$w°$

Calculate the size of angle w.

$w =$ _____ $°$

10 Using a ruler and protractor, draw the triangle accurately. One line has been drawn for you.

$22°$ $128°$ 3 cm 4 cm

4 cm

Circle how confident you feel with properties of shape.

1   2   3   4   5

Not confident   Very confident