Shape

B

Name _____

1 Sort the angles into the table.
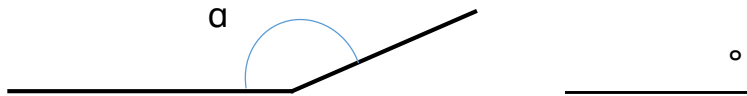

A   B   C   D
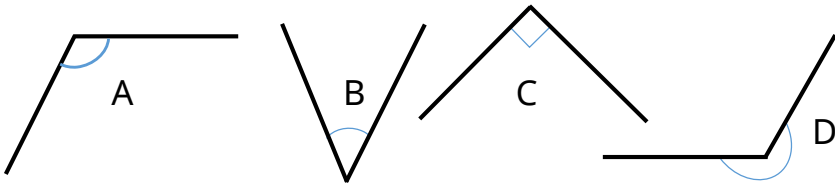
Reflex	Acute	Right angle	Obtuse

2 marks

Circle a sensible estimate for the size of angle D.

90°   270°   225°   75°

1 mark

2 Measure the size of angle a.

a

_____ °

1 mark

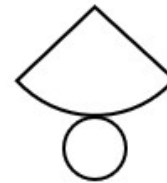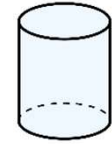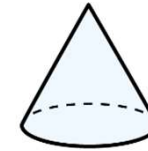**3** How many degrees does the minute hand move in 30 minutes?
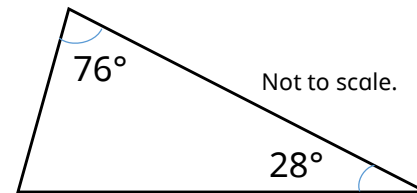

_____ °
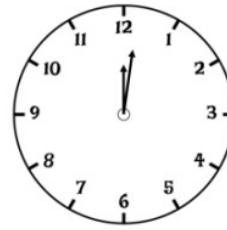
1 mark

4 Match the 3D shapes to their net.
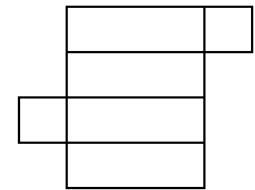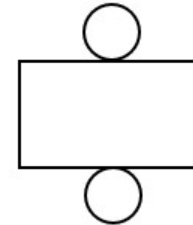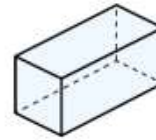
2 marks

5 Calculate the missing angle in the triangle.

76°   Not to scale.

28°

_____ °

1 mark

What type of triangle is this? _____

1 mark

6 Calculate the size of angle b.

123° Not to scale.
b

_____ °
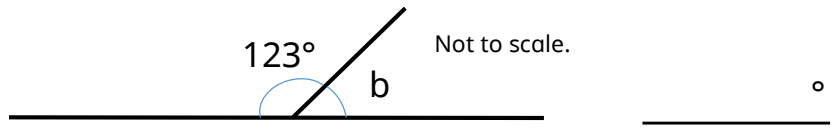
7 Use the grid to draw a pentagon that has 2 right angles.
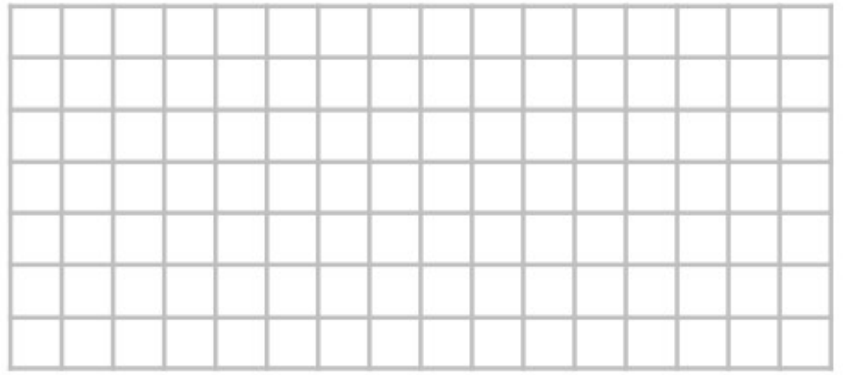
8 Calculate the missing angles in the triangle.

Not to scale.

51°
52° e
f

e _____ °

f _____ °
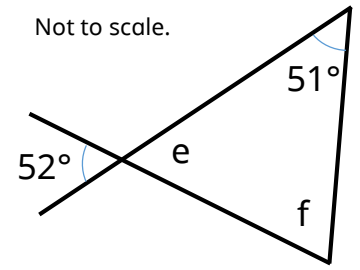
9 The diagram shows a square and an isosceles triangle.

46°
w°
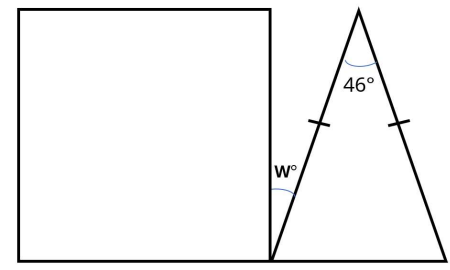
Calculate the size of angle w.

_____ °

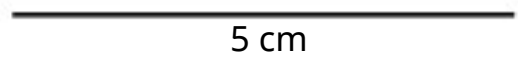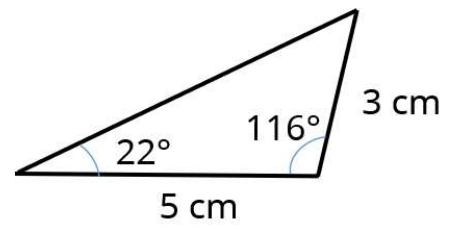**10** A 10 pence coin has a diameter of 24 mm.
What is the length of the radius of a 10 pence coin?

_____

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

3 cm
116°
22°
5 cm

5 cm

White Rose Maths