

5.1

Total Marks (out of 20)	
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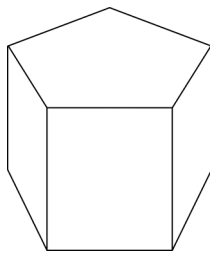
Name	
Date	

Section 1:

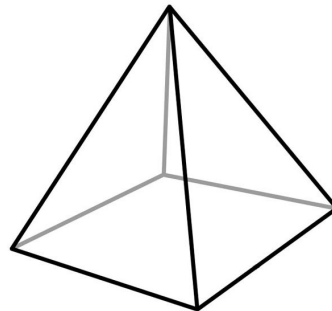
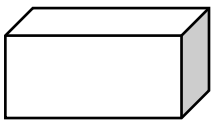
identify 3-D shapes, including cubes and other cuboids, from 2-D representations

1

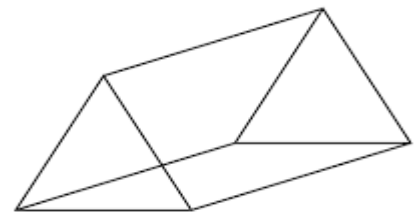
Shape B



Shape A



Shape C



Shape D

Complete the table.

	Number of faces	Number of edges	Number of vertices	Name of shape
Shape A	6	12	8	cuboid
Shape B				
Shape C				
Shape D				

Section 2:

know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles

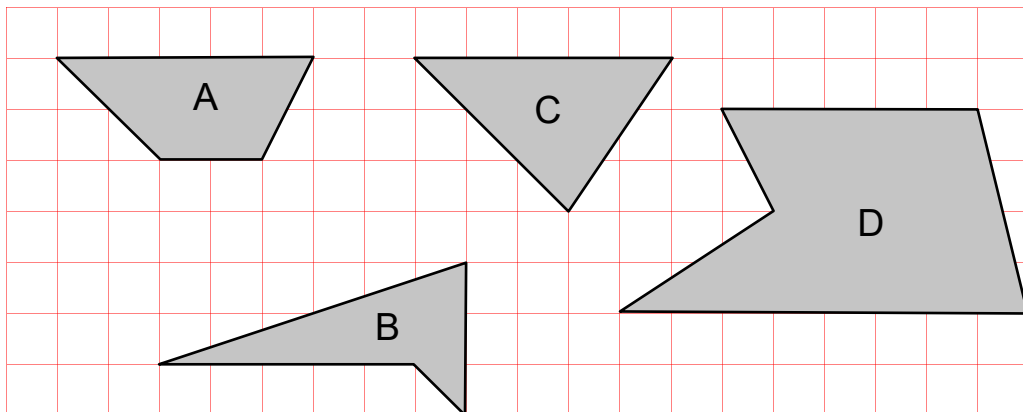
2

Write the missing numbers

An angle less than ° is called an **acute** angle.

An angle more than ° but less than ° is called an **obtuse** angle.

An angle more than ° is called a **reflex** angle.

 3 marks
3

Write the letters of **all** the shapes that have **three acute angles**.

 1 mark

Write the letter of the shape that has **two obtuse angles**.

 1 mark

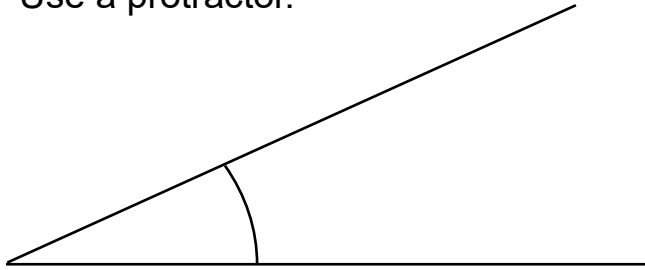
Write the letters of **all** the shapes that have a **reflex angle**.

 1 mark

Section 3:**draw given angles, and measure them in degrees****4**

Measure the angles accurately.

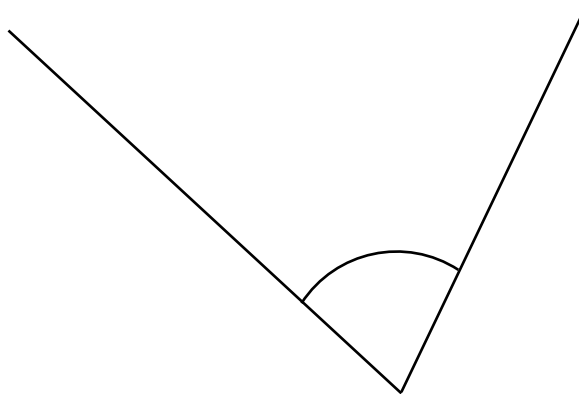
Use a protractor.



1 mark



1 mark



1 mark

5Draw an angle of 32°

Use a protractor and a ruler.

One line has been done for you.



1 mark

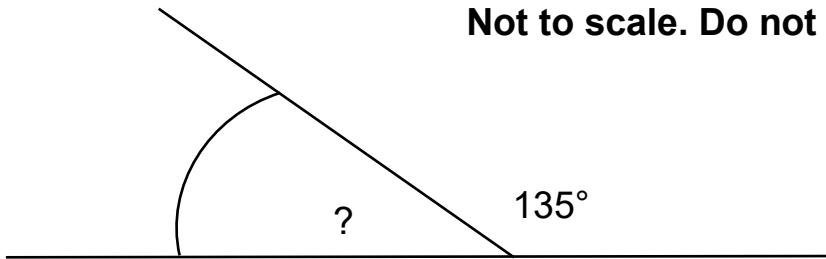
Section 4:

identify: angles at a point and one whole turn, angles at a point on a straight line and $\frac{1}{2}$ a turn, other multiples of 90 degrees

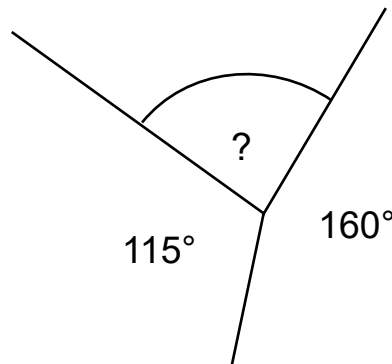
6

Calculate the missing angles.

Not to scale. Do not measure.



1 mark



Not to scale. Do not measure.

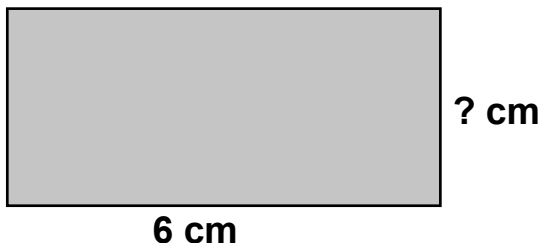
Show
your
method

2 marks

Section 5:

use the properties of rectangles to deduce related facts and find missing lengths and angles

7 The **area** of this rectangle is **24 square cm**.

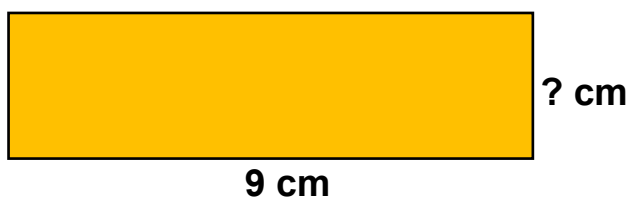


Not to scale. Do not measure.

Calculate the height of the rectangle.

_____ 1 mark

8 The **perimeter** of this rectangle is **24 cm**.

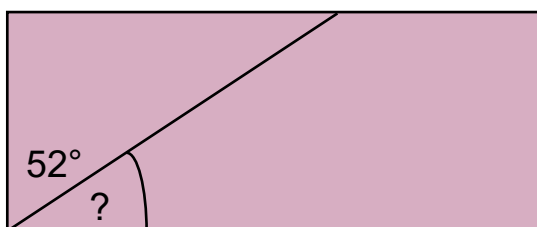


Not to scale. Do not measure.

Calculate the height of the rectangle.

_____ 1 mark

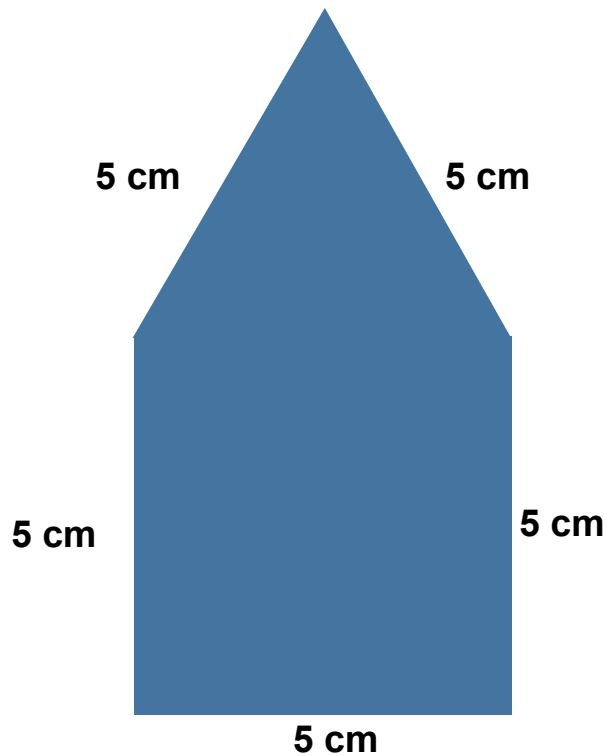
9



Not to scale. Do not measure.

Calculate the missing angle.

_____ 1 mark

Section 6:**distinguish between regular and irregular polygons based on reasoning****10**

Adam says, "This is a regular pentagon because all the sides are the same length."

Explain why he is **wrong**.

1 mark