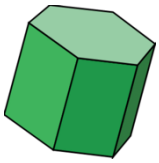
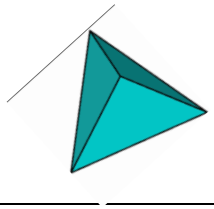
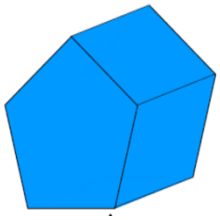
Prior Learning Assessment
Shape Year 6

Shape

1) Draw a rhombus with sides the length of 5.9 cm.

2) Complete the scalene triangle. One angle must be 98° and the length of one side must be 3.2 cm. Label the angle A and the side B that show these measurements.

3) Complete the table:

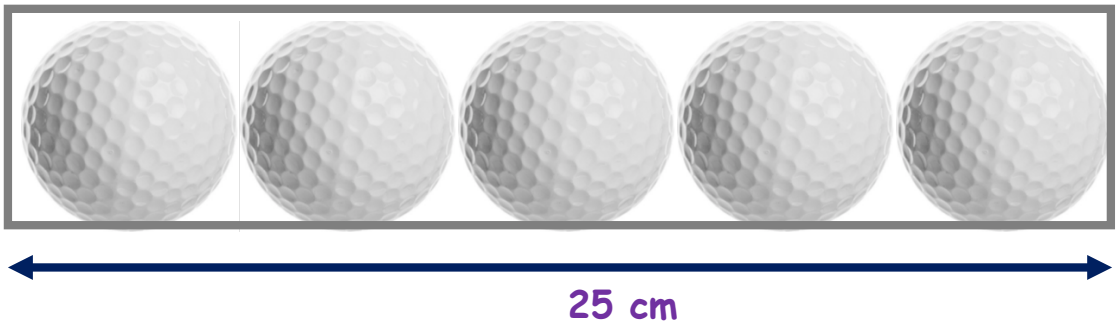
Shape	Number of edges	Numbers of Faces	Number of vertices
			
			
			
			

4) Draw a net for a cuboid.

5) Draw a circle with a diameter of 8cm. Then label the circle with the following labels:

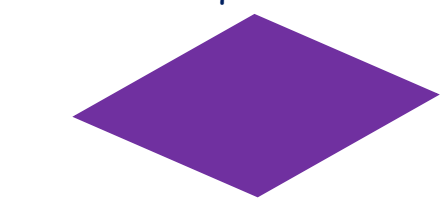
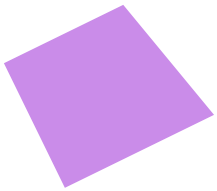
diameter	radius	circumference

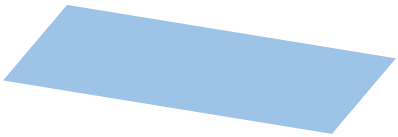
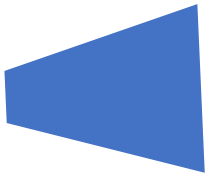
6) Jamal makes a container for his golf balls. He makes the container to hold 5 golf balls. Use the information below to work out the radius of one golf ball.



25 cm

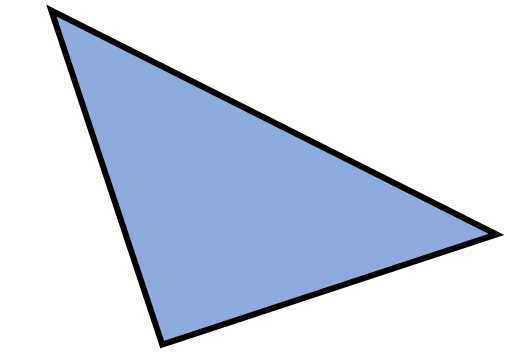
Q7) Draw or match each image to the correct box in the table and name each quadrilateral.

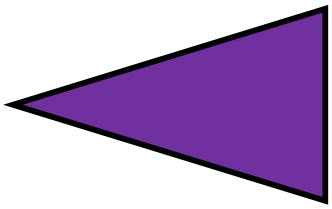



Shape	Shape name	Properties of shape
		No right angles No parallel sides 2 sets of equal length sides
		Two sets of perpendicular sides 1 set of parallel sides Sides are of any length
		No perpendicular sides All sides are of equal length 2 sets of parallel sides
		2 sets of parallel sides No perpendicular sides Opposite sides are parallel Opposite sides are of the same length.
		One set of parallel sides 2 sets of equal length sides No perpendicular sides

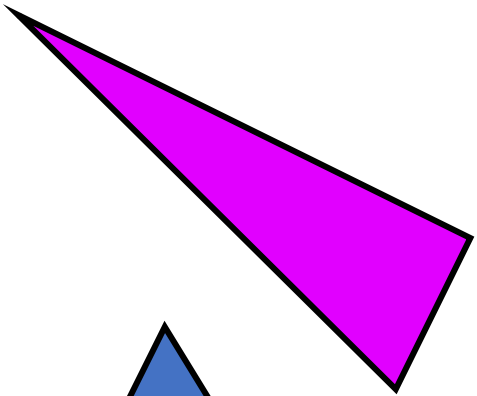
8)Match each triangle to the appropriate labels.



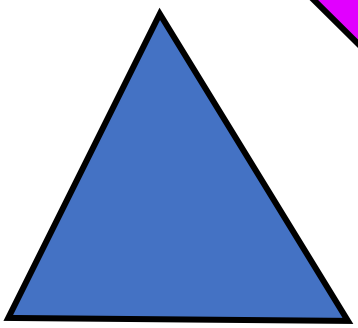
isosceles triangle



equilateral triangle

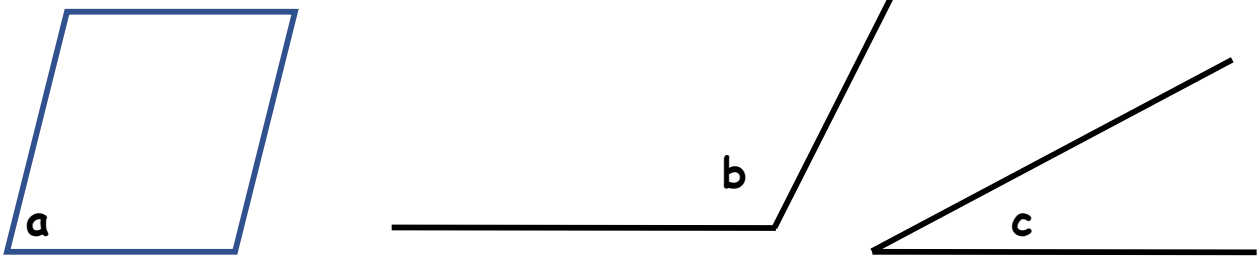


right angled triangle



scalene triangle

9) Measure the angles in each image.

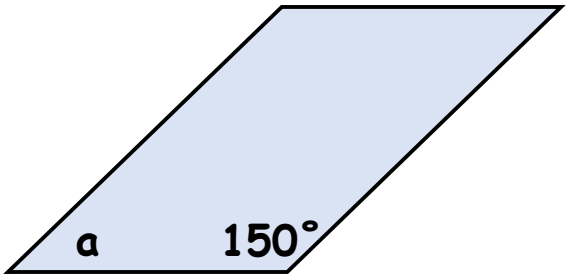


a = °

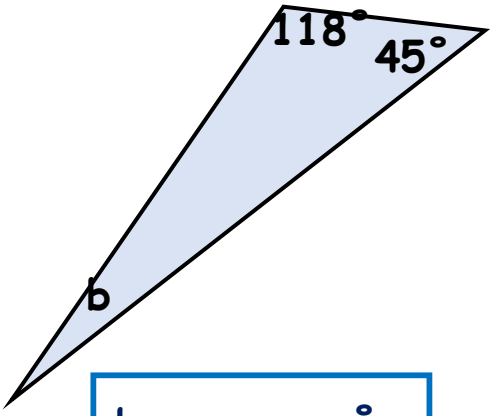
b = °

c = °

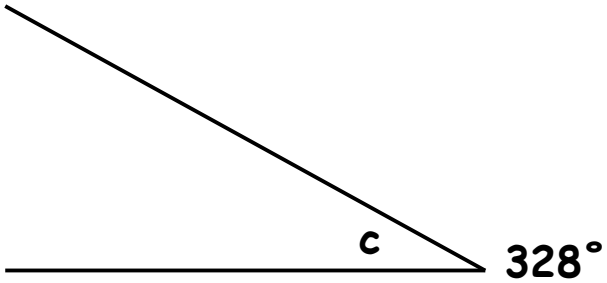
10) Calculate the missing angles in each image.



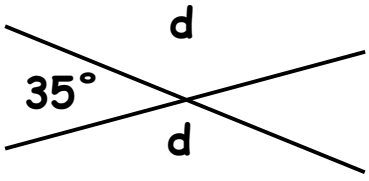
a = °



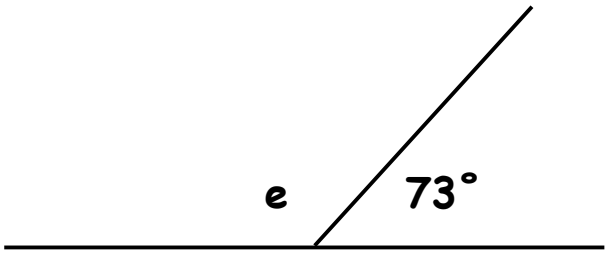
b = °



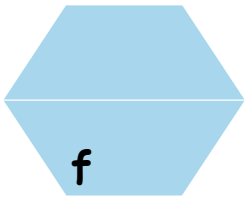
c = °



d = °



e = °



f = °

BRICKWORK Mathematics

Shape