**Shapes exam questions**

**1.** Write down the mathematical name for each of these three different 3-D shapes.



 (i) .............................. (ii) .............................. (iii) ..................................

(Total 3 marks)

**2.** Neil buys a box of tiles.
The shape of the box is a cuboid.



(a) How many vertices has a cuboid?

..........................

(1)

 Here is a tile in the shape of a polygon.



(b) Write down the mathematical name of this polygon.

..........................

(1)

(Total 2 marks)

**3.** Write down the mathematical name of each of these two 3-D shapes.



(i) ………………………………… (ii) ……………………………………

(Total 2 marks)

**4.** Write down the name of each of these two 3-D shapes.



(Total 2 marks)

**5.**



(a) Write down the letter of an isosceles triangle.

.................................

(1)

 (b) Write down the letters of **two** triangles which are congruent.

.................. and ..................

(1)

 Triangle **C** is an enlargement of triangle **G**.

(c) Write down the scale factor of this enlargement.

.................................

(1)

(Total 3 marks)

**6.** The diagram shows a solid triangular prism.

 Diagram **NOT** accurately drawn

 Write down

(i) the number of faces ..................

(ii) the number of edges ..................

(iii) the number of vertices ..................

(Total 3 marks)

**7.** Here is a triangle.
What type of triangle is it?



.....................................

(1)

(b) Here is a quadrilateral.
What type of quadrilateral is it?



.....................................

(1)

 (c) On the grid below, draw a trapezium.



.....................................

(1)

(Total 3 marks)