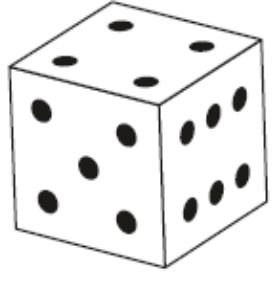
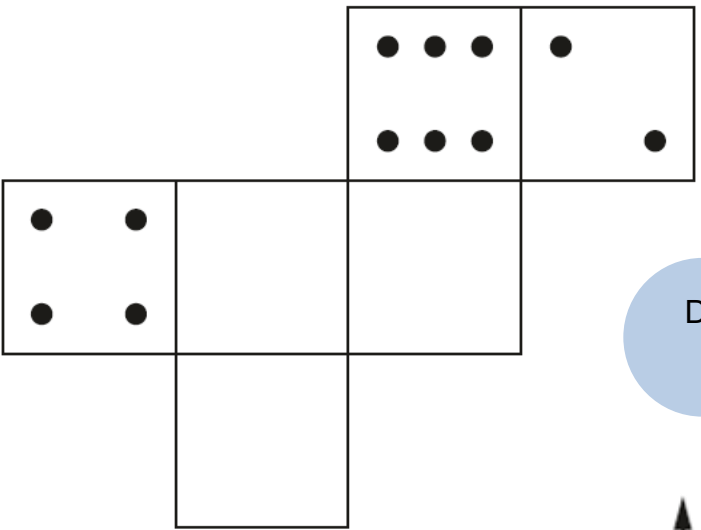


# 2D & 3D SHAPES

Help Code : 033

17

On a dice, the sum of the dots on opposite faces is always 7

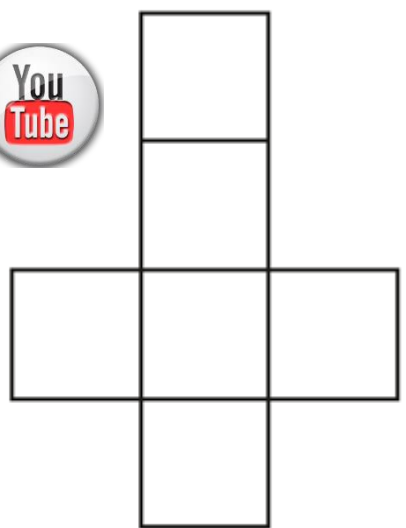
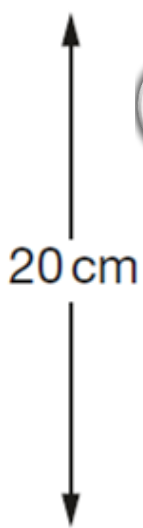


Draw dots on the **three** empty faces of the net so that it could fold up to make a dice.

22

This is the net of a cube.

What is the **volume** of the cube?



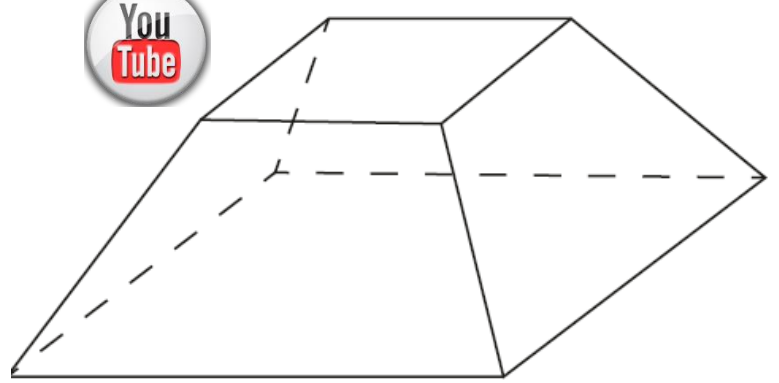
Not actual size

11

Here is a drawing of a 3-D shape.

Complete the table.

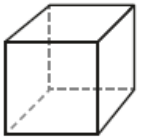
Number of Faces	Number of Vertices	Number of Edges



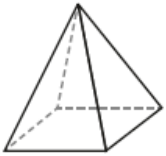


**12** Here are diagrams of some 3-D shapes.

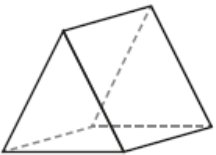
Tick each shape that has the same number of faces as vertices.



Cube



Square-based pyramid



Triangular prism



Triangular-based pyramid

**11**

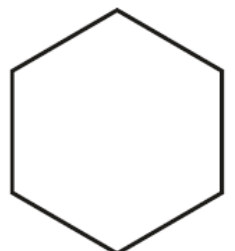
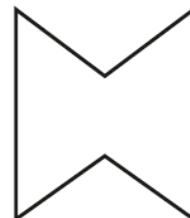
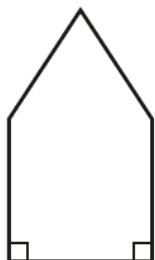
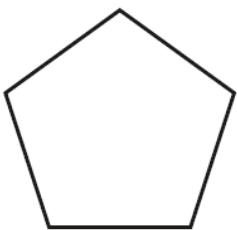
A bicycle wheel has a diameter of 64 cm.

What is the **radius** of the bicycle wheel?



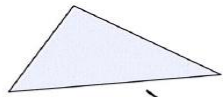
**13**

Circle the **pentagon** with exactly **four acute angles**.

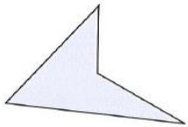


Match each shape to the correct name.

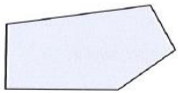
One has been done for you.



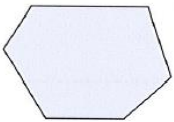
pentagon



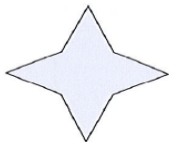
triangle



octagon

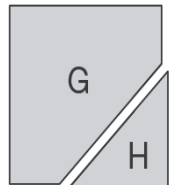
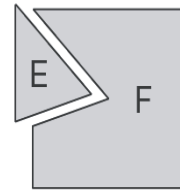
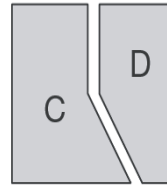
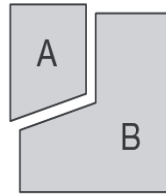


quadrilateral



hexagon

Each of these four squares has been cut into two new shapes.



Write the letters of all the new shapes that are **hexagons**.



\_\_\_\_\_

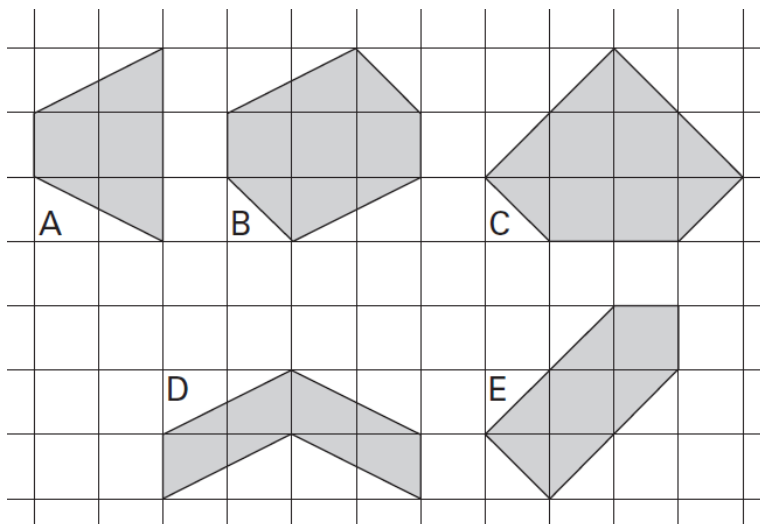
Write the letters of all the new shapes that are **pentagons**.



\_\_\_\_\_

2005A KS2 Q6

Here are some shaded shapes on a square grid.



Write the letters of the **two** shapes which are hexagons.



..... and .....

Write the letters of the **two** shapes which have **right angles**.



..... and .....