# SURFACE AREA OF A CUBE & CUBOID

Steps to Success:

1. Read & highlight
2. Draw the net of a cube
3. Find the area of 1 square
4. Write the area in the net
5. Write the formula & solve
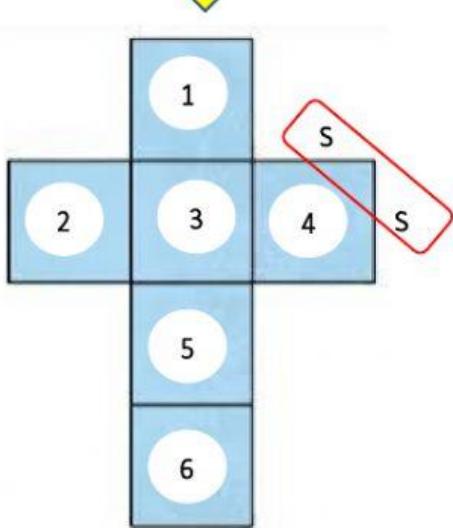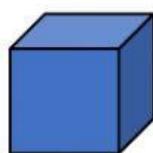
SA of Cube = (S x S) x 6

Steps to Success:

1. Read & highlight
2. Draw the net of a cuboid
3. Label all the nets
4. Find the area of A x 2
5. Find the area of B x 2
6. Find the area of C x 2
7. Add all the area:

SA of Cuboid = Area a + Area B + Area
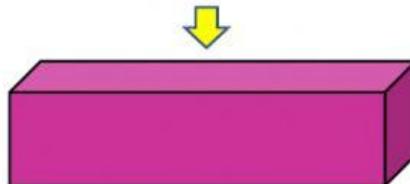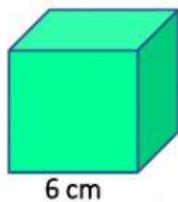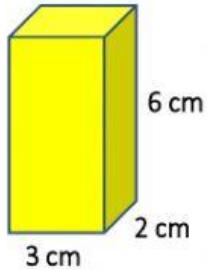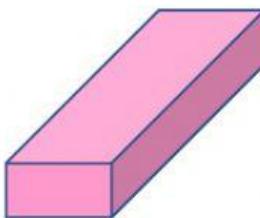
Net of a cube

Net of a cuboid

SA of Cube = (S x S) x 6
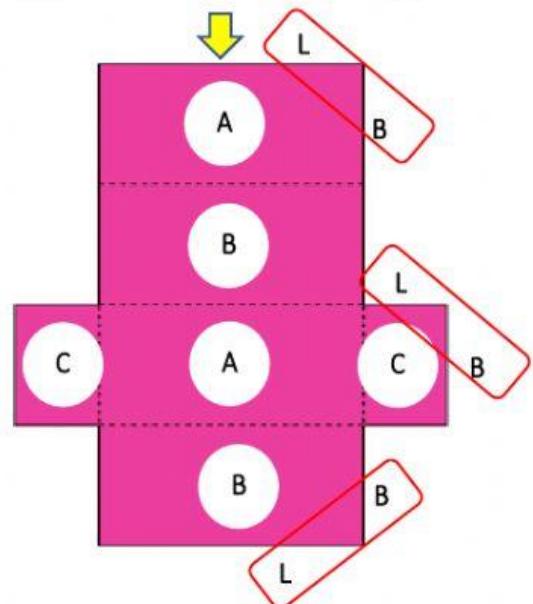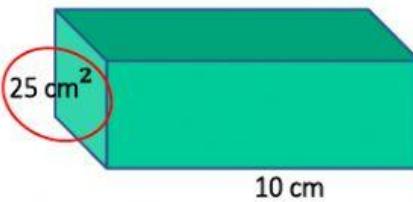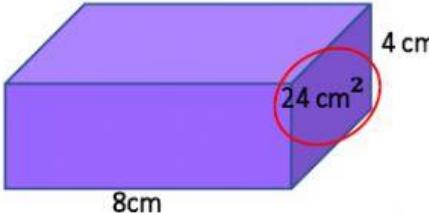
SA of Cuboid =

(Area A x 2) + (Area B x 2) + (Area C x 2)

Answer all questions. Each question carries 2 marks.

BIL	QUESTION	ANSWER & WORKING SPACE
1	Find the **Surface area of the cube** below: 6 cm	Answer : _____ cm^2
2	Work out the **surface area of the cuboid** below: 6 cm 2 cm 3 cm	Answer : _____ cm^2
3	Find the **surface area of a cuboid** with 3m length, 1m height and 10m breadth.	Answer : _____ cm^2

BIL	QUESTION	ANSWER & WORKING SPACE
4	Find the **Surface area of the cube** with a side of 7cm.	Answer : _____ cm^2
5	Find the **surface area of a cuboid** below. One of the faces has an **area of 25cm^2** 25 cm^2 10 cm	Answer : _____ cm^2
6	Find the **surface area of a cuboid** below. One of the faces has an **area of 24cm^2** 4 cm 24 cm^2 8cm	Answer : _____ cm^2