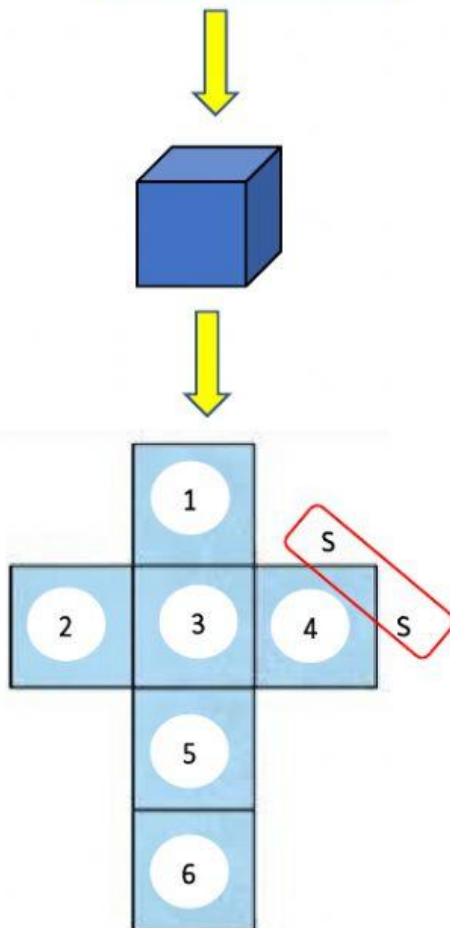


SURFACE AREA OF A CUBE & CUBOID

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

$$\text{SA of Cube} = (S \times S) \times 6$$



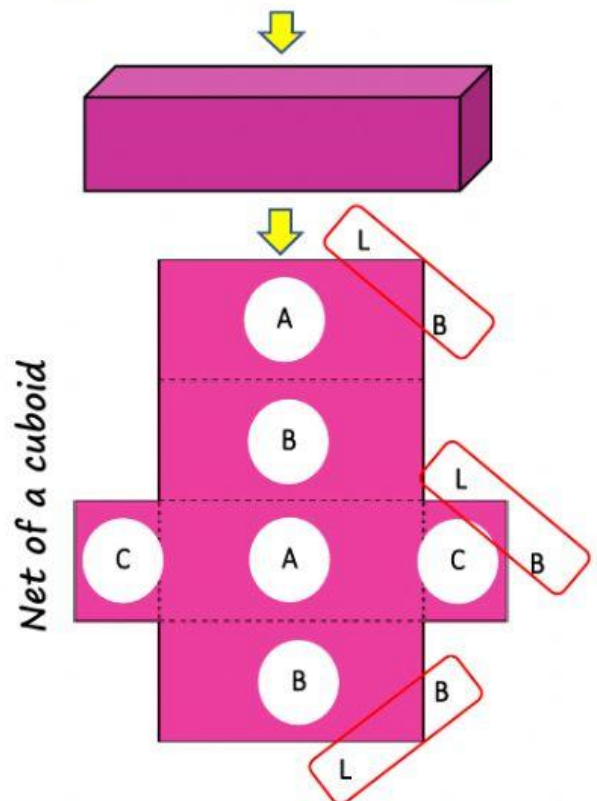
Net of a cube

$$\text{SA of Cube} = (S \times S) \times 6$$

Steps to Success:

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

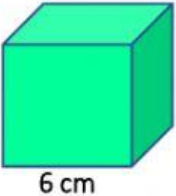
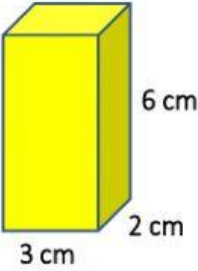
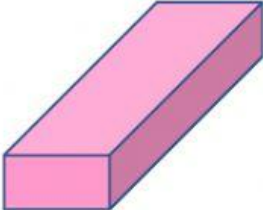
$$\text{SA of Cuboid} = \text{Area a} + \text{Area B} + \text{Area C}$$

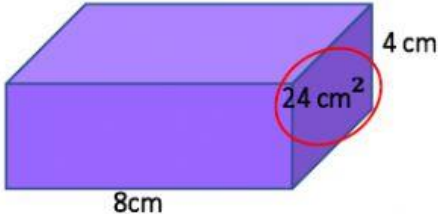


Net of a cuboid

$$\begin{aligned} \text{SA of Cuboid} = \\ (\text{Area A} \times 2) + (\text{Area B} \times 2) + \\ (\text{Area C} \times 2) \end{aligned}$$

Answer all questions. Each question carries 2 marks.

BIL	QUESTION	ANSWER & WORKING SPACE
1	Find the Surface area of the cube below: 	Answer : _____ cm²
2	Work out the surface area of the cuboid below: 	Answer : _____ cm²
3	Find the surface area of a cuboid with 3m length, 1m height and 10m breadth. 	Answer : _____ cm²

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 	Answer : _____ cm^2
6	Find the surface area of a cuboid below. One of the faces has an area of 24cm^2 	Answer : _____ cm^2