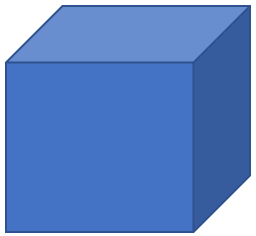
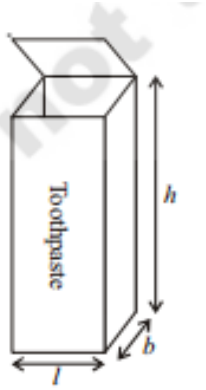
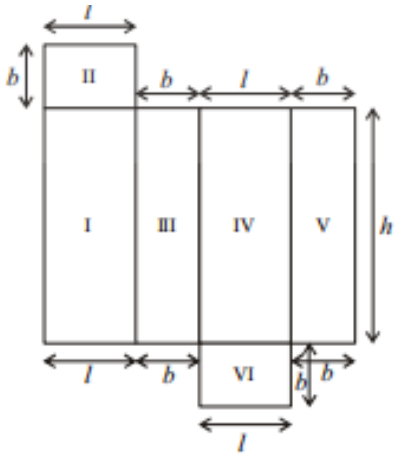
AREA OF CUBE AND CUBOID



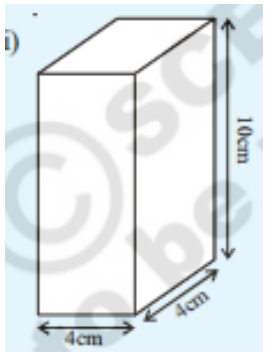
ISOMETRIC



NET



EXAMPLE



LATERAL SURFACE AREA

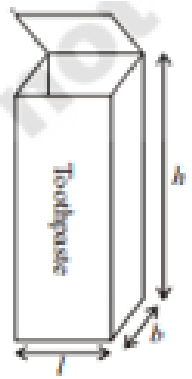
TOTAL SURFACE AREA

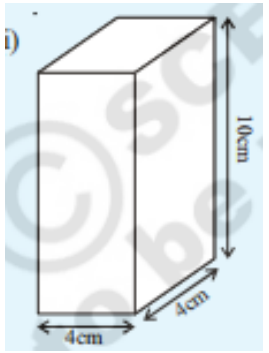
Programmer has to calculate values

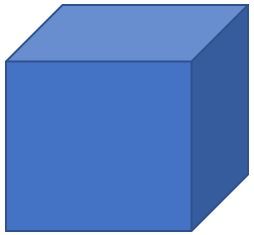
RESET

VOLUME OF CUBE AND CUBOID

ISOMETRIC





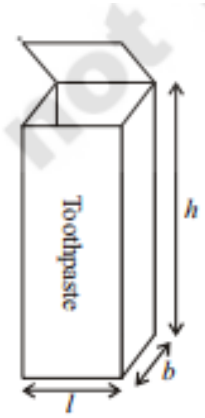


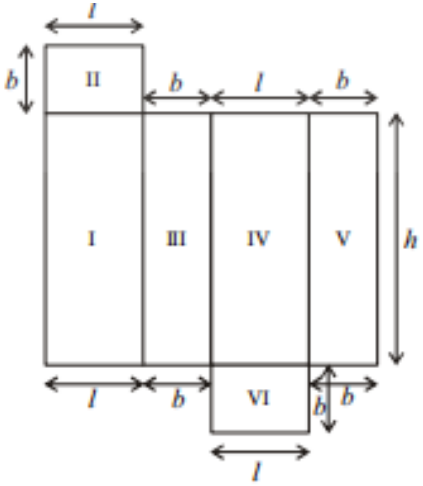
When you click on cube, the images need to switch to cube

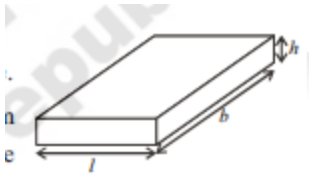
VOLUME OF CUBOID
(l x b x h)

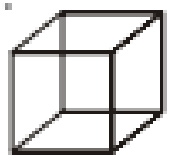
VOLUME OF CUBE
(l x l x l)

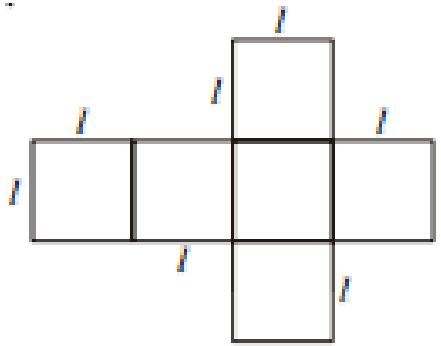
Programmer has to calculate values. SHOW CUBE OR CUBOID BASED ON WHAT IS CLICKED











1. REMOVE THE WORD TOOTHPASTE FROM THE PICTURE
2. CLICK ON CUBOID – THESE SHAPES HAVE TO APPEAR
3. WHEN YOU CLICK ON LATERAL SURFACE AREA, ONLY THE LATERAL FACES SHOULD BE SHADED OR GET DIFFERENT COLOR
4. WHEN YOU CLICK TOTAL SURFACE AREA, ALL FACES SHOULD BE SHADED
5. FOR LATERAL SURFACE AREA – SHOW FORMULA = 2(l + b) h
6. FOR TOTAL SURFACE AREA – SHOW FORMULA OF SUFRFACE AREA = 2(l+b)h + 2lb

7. For SQUARE, LATERAL SURFACE AREA = 4l2(lsquared). Total SURFACE AREA = 6l2 (lsquared)
8. For both of them show, real world objects – show a rectangular biscuit packet as example for cuboid, rubik cube for cube.
9. FOR BOTH CUBE & CUBOID, we should be able to replace the l,b,h with values. So, show a cuboid with l = 3, b = 2, and h = 4.