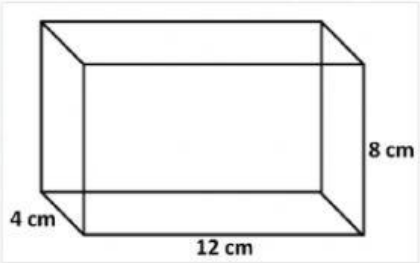
Class: Year 6
Topic: Surface Area of Solid Shapes
Date: 23rd April, 2021

1) Find the surface area of the cuboid given below.



(use length, width and height)

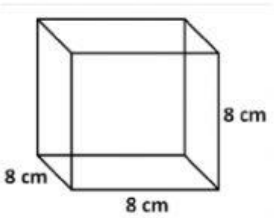
Step 1: formula of surface area of a cuboid =

Step 2: input numbers in place of the letters =

Step 3: common factor (simplification of the bracket) =

Step 4: final answer =

2) Find the surface area of the cube given below.

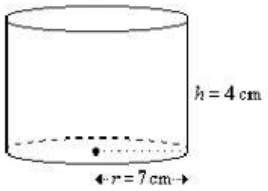


Step 1: formula of surface area of a cube =

Step 2: input numbers in place of the letters =

Step 3: final answer =

3. Find the area of the curved surface of a cylindrical tin with radius 7 cm and height 4 cm.



Step 1	Formula of **CURVED** surface area of a cylinder =	Formula of **Total** surface area of a cylinder =

LIVEWORKSHEETS

Step 2	input numbers in place of the letters =	input numbers in place of the letters =
Step 3	final answer =	final answer =

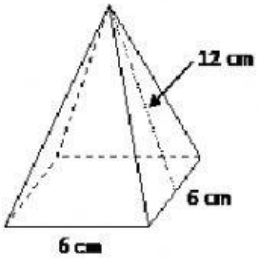
4. The surface area of a sphere is $4\pi r^2$. Calculate the surface area of a sphere having radius equals to 3.5 cm (Take $\pi = 22/7$)

formula	
Input number into the formula	
Final answer	

5. The surface area of a pyramid is given as:

Surface area = area of base + $^1/_2$ × perimeter of base × slant height.

Therefore find the surface area of the pyramid below:



What shape is the base?	
Area of the base	
Perimeter of the base	
Slant height	
Value of the surface area of the pyramid.	

LIVEWORKSHEETS