

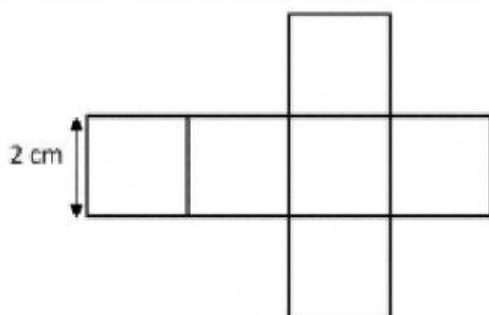


Concept CW_Grade-6_Mensuration

An Introduction to the Surface Area of Cubes and Cuboids

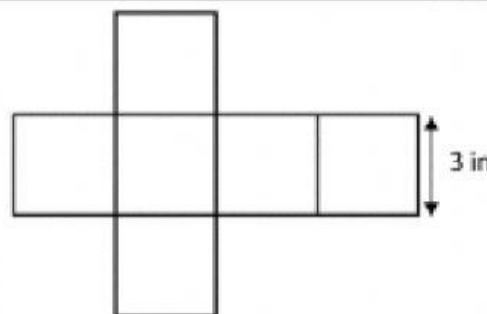
The surface area of a cube can be found by finding the area of one square face and multiplying by 6 to find the area of all the square surfaces.

1)



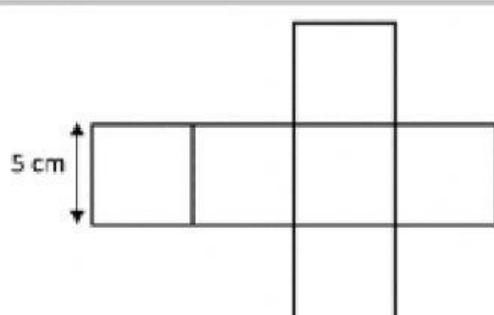
Surface area

2)



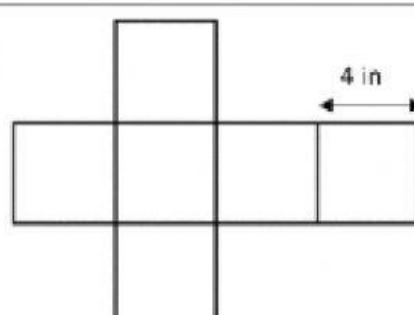
Surface area

3)



Surface area

4)

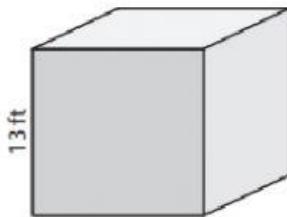


Surface area

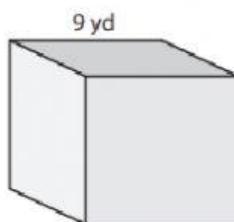


Find the surface area of each cube.

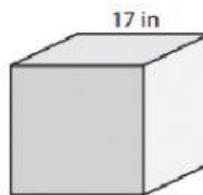
1)



2)



3)

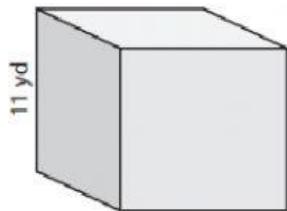


surface area = _____

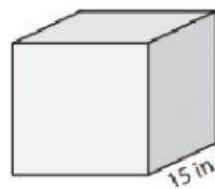
surface area = _____

surface area = _____

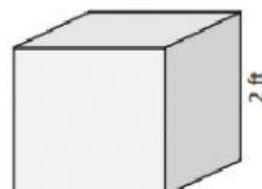
4)



5)



6)



surface area = _____

surface area = _____

surface area = _____

7) If the side length of the cube is 12 feet, find the surface area.

8) Determine the surface area of the cube whose side length is 3 inches.
