

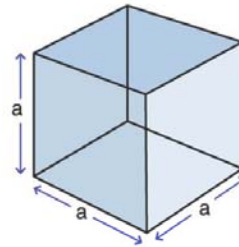
Name :

Class :

Surface Area of Cubes



The surface Area of a cube is the total area of the outside surfaces of the cube and is given by $A = 6a^2$ where a is the edge.

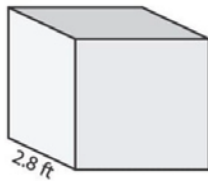


$$SA = 6a^2$$

here,
 $a = \text{edge}$

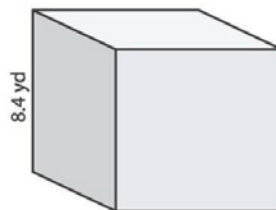
Find the surface area of each Cube

1



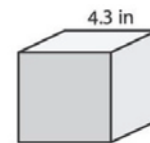
$$SA = 47.04 \text{ ft}^2$$

2



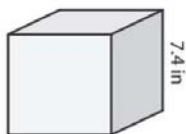
$$SA = 423.36 \text{ yd}^2$$

3



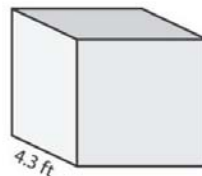
$$SA = 110.94 \text{ in}^2$$

4



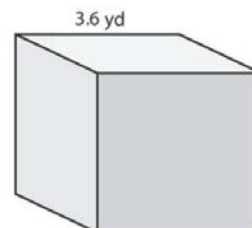
$$SA = 328.56 \text{ in}^2$$

5



$$SA = 110.94 \text{ ft}^2$$

6



$$SA = 77.76 \text{ yd}^2$$

7 If the side length of cube is 35 feet, find the surface area of cube

$$SA = 7350 \text{ ft}^2$$

8 Find the surface area of the cube if side length of a cube is 22 yards

$$SA = 2904 \text{ yd}^2$$