

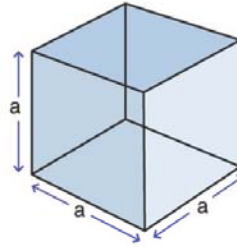
Name :

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.

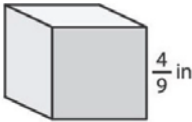


$$SA = 6a^2$$

here,  
 $a = \text{edge}$

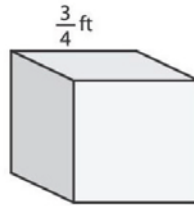
Find the surface area of each Cube

1



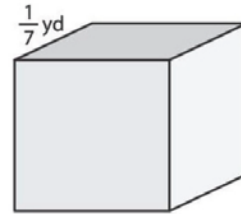
$$SA = 32/27 \text{ in}^2$$

2



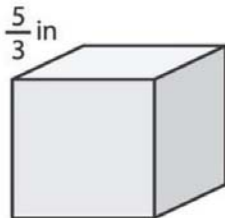
$$SA = 27/8 \text{ ft}^2$$

3



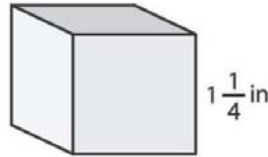
$$SA = 6/49 \text{ yd}^2$$

4



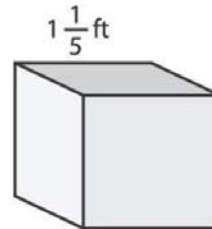
$$SA = 50/3 \text{ in}^2$$

5



$$SA = 75/8 \text{ in}^2$$

6



$$SA = 216/25 \text{ ft}^2$$

7 If the side length of cube is  $\frac{3}{4}$  feet, find the surface area of cube

$$SA = 27/8 \text{ ft}^2$$

8 Find the surface area of the cube if side length of a cube is  $\frac{5}{8}$  yards

$$SA = 75/32 \text{ yd}^2$$