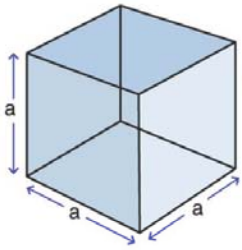
Name : Class :

# 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.

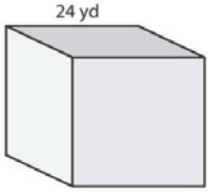



$SA = 6a^2$

*here,*
a = edge

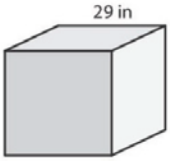
Find the surface area of each Cube

**1**



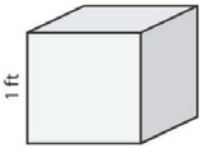

$SA=3456\ yd^2$

**2**



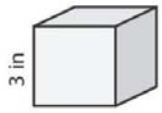

$SA=5046\ in^2$

**3**



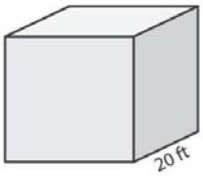

$SA=6\ ft^2$

**4**



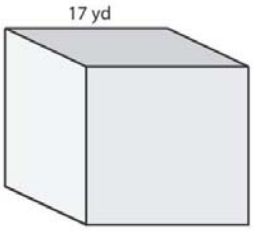

$SA=54\ in^2$

**5**




$SA=2400\ ft^2$

**6**




$SA=1776\ yd^2$

**7** If the side length of cube is 15 feet, find the surface area of cube

$SA=1350\ ft^2$

**8** Find the surface area of the cube if side length of a cube is 25 yards

$SA=3750\ yd^2$