

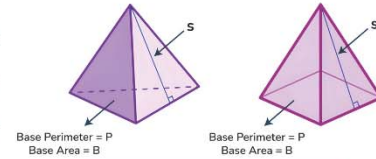
Name :

Class :

Surface Area of Pyramids

The surface area of a pyramid is the sum of the areas of all faces of a pyramid. Use this formula: $SA = B + \frac{1}{2} \times P \times l$, where B is the area of the pyramid's base, P is the perimeter of the base, and l is the slant length of the lateral sides.

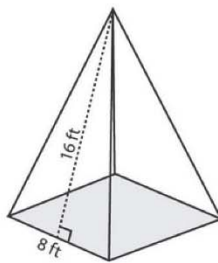
Surface Area of Pyramid



$$\text{Lateral Surface Area (LSA)} = \frac{1}{2} P s$$
$$\text{Total Surface Area (TSA)} = \frac{1}{2} P s + B$$

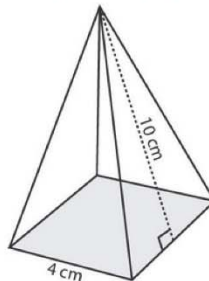
Find the surface area of each square pyramid

1)



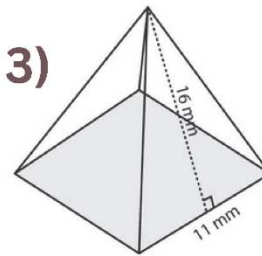
$$SA = 327.8 \text{ ft}^2$$

2)



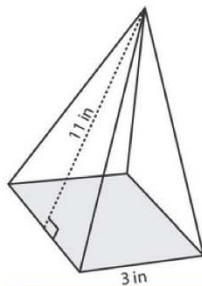
$$SA = 97.6 \text{ cm}^2$$

3)



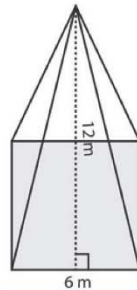
$$SA = 493.2 \text{ mm}^2$$

4)



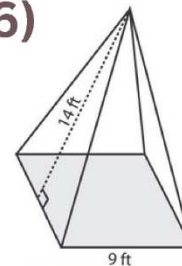
$$SA =$$

5)



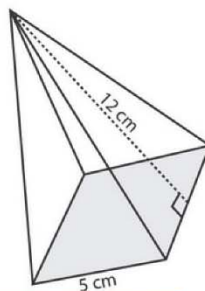
$$SA = 75.6 \text{ m}^2$$

6)



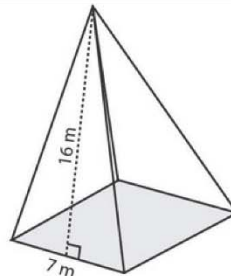
$$SA = 345.7 \text{ ft}^2$$

7)



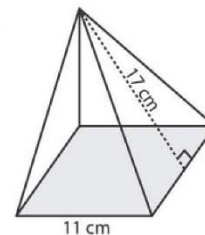
$$SA = 147.6 \text{ cm}^2$$

8)



$$SA = 278.3 \text{ m}^2$$

9)



$$SA = 514.1 \text{ cm}^2$$