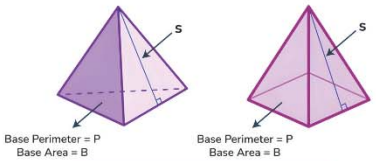
Name : Class :

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 + 1/2 x P x 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

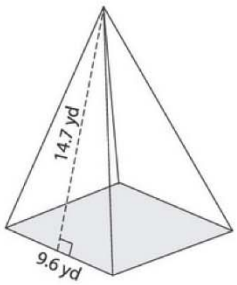


Lateral Surface Area (LSA) = $\frac{1}{2}$ Ps

Total Surface Area (TSA) = $\frac{1}{2}$ Ps + B

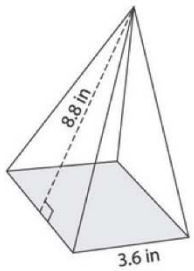
Find the surface area of each square pyramid

1)



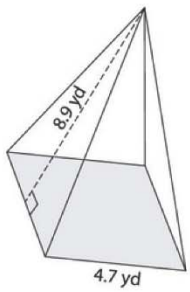
SA=389.07 yd²

2)



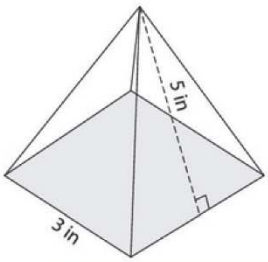
SA=77.63 in²

3)



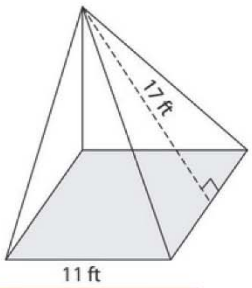
SA=108.62 yd²

4)



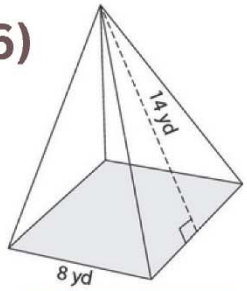
SA=40.32 in²

5)



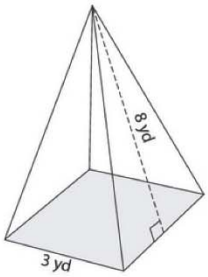
SA=514.09 ft²

6)



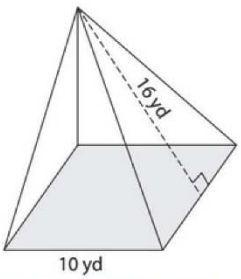
SA=296.96 yd²

7)



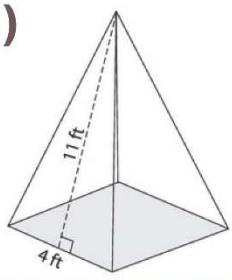
SA=51.95 yd²

8)



SA=435.26 yd²

9)



SA=105.44 ft²

© 15Worksheets.com