

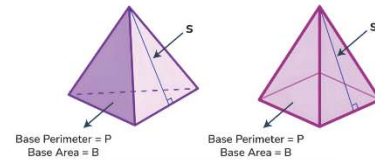
Name :

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.

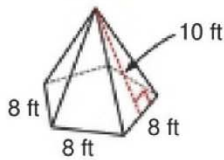
Surface Area of Pyramid



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

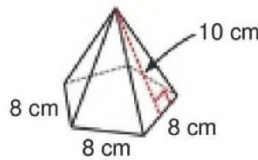
Find the surface area of each figure. Round answers to the nearest hundredth, if necessary.

1)



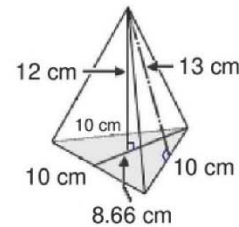
**SA=310 ft<sup>2</sup>**

2)



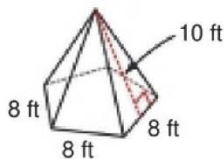
**SA=310.1 cm<sup>2</sup>**

3)



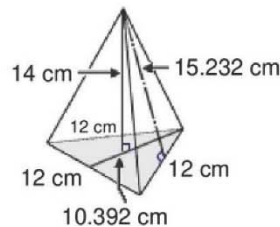
**SA=238 cm<sup>2</sup>**

4)



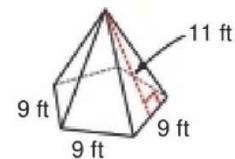
**SA=310 ft<sup>2</sup>**

5)



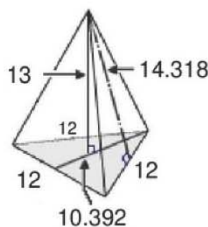
**SA=337 cm<sup>2</sup>**

6)



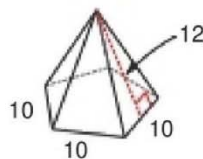
**SA=387 ft<sup>2</sup>**

7)



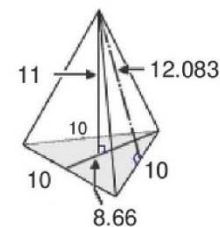
**SA=320<sup>2</sup>**

8)



**SA=472<sup>2</sup>**

9)



**SA=225<sup>2</sup>**