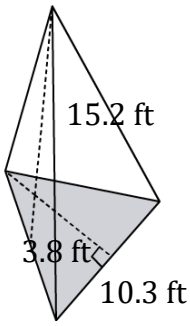
Surface area of a Triangular Pyramid

Name:_____ Date:_____

Find the surface area of a triangular pyramid? (A=area of a base, a=apothem, b=breadth, s=slant height).
(Hint: $A=\frac{1}{2}as$)

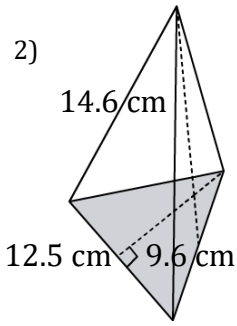
1)



$SA = A + \frac{3}{2}bs$

SA = _____

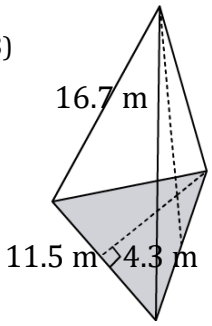
2)



$SA = A + \frac{3}{2}bs$

SA = _____

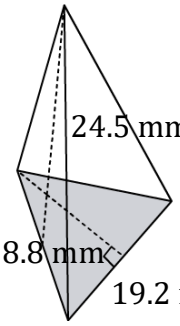
3)



$SA = A + \frac{3}{2}bs$

SA = _____

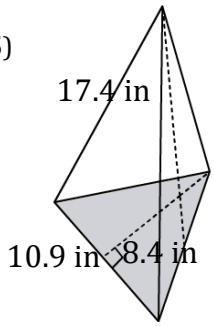
4)



$SA = A + \frac{3}{2}bs$

SA = _____

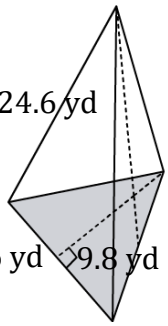
5)



$SA = A + \frac{3}{2}bs$

SA = _____

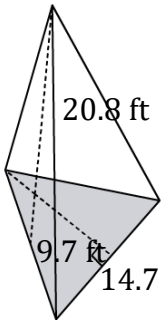
6)



$SA = A + \frac{3}{2}bs$

SA = _____

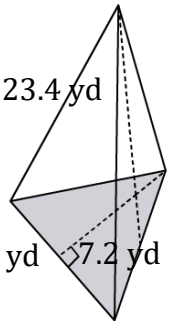
7)



$SA = A + \frac{3}{2}bs$

SA = _____

8)



$SA = A + \frac{3}{2}bs$

SA = _____

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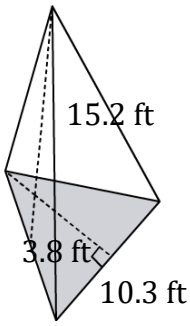
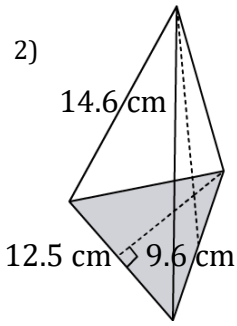


SA = $A + \frac{3}{2}bs$

SA = 254.41 ft^2

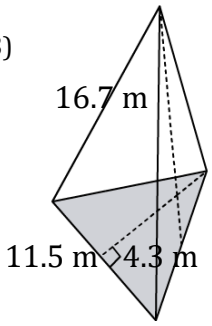
2)



SA = $A + \frac{3}{2}bs$

SA = 333.75 cm^2

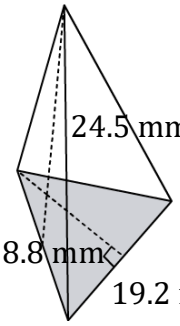
3)



SA = $A + \frac{3}{2}bs$

SA = 312.8 m^2

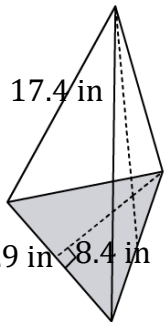
4)



SA = $A + \frac{3}{2}bs$

SA = 790.08 mm^2

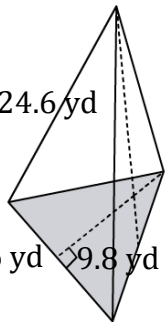
5)



SA = $A + \frac{3}{2}bs$

SA = 330.27 in^2

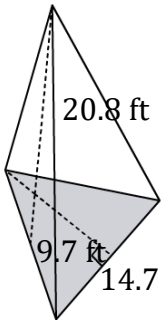
6)



SA = $A + \frac{3}{2}bs$

SA = 819.28 yd^2

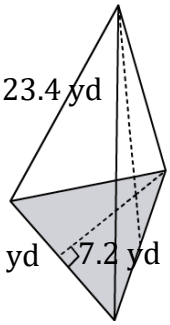
7)



SA = $A + \frac{3}{2}bs$

SA = 529.935 ft^2

8)



SA = $A + \frac{3}{2}bs$

SA = 673.38 yd^2