

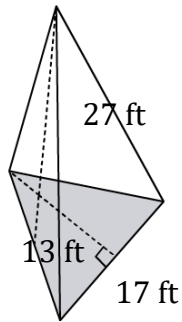
# Surface area of a Triangular Pyramid

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

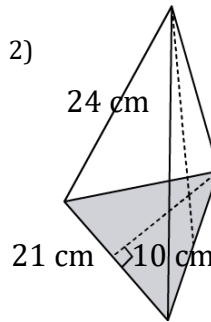
1)



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

$$SA = \underline{\hspace{2cm}}$$

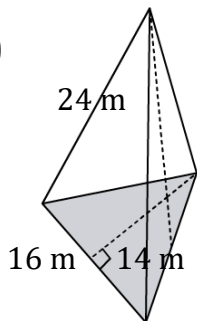
2)



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

$$SA = \underline{\hspace{2cm}}$$

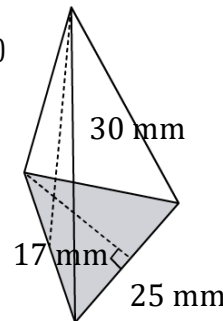
3)



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

$$SA = \underline{\hspace{2cm}}$$

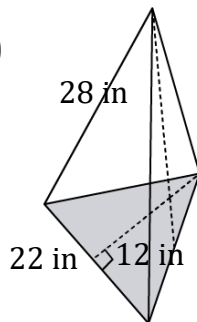
4)



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

$$SA = \underline{\hspace{2cm}}$$

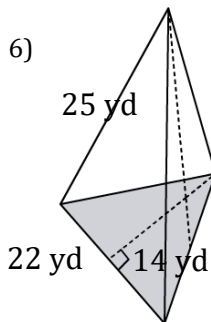
5)



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

$$SA = \underline{\hspace{2cm}}$$

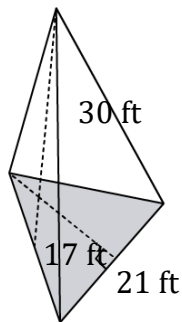
6)



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

$$SA = \underline{\hspace{2cm}}$$

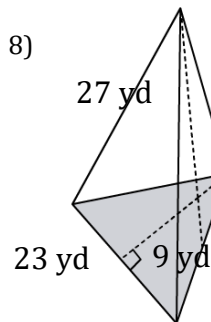
7)



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

$$SA = \underline{\hspace{2cm}}$$

8)



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

$$SA = \underline{\hspace{2cm}}$$

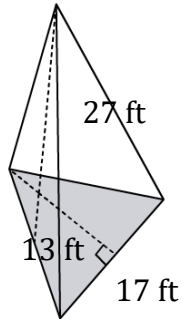
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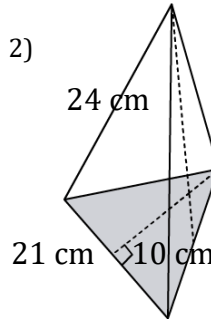
1)



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

$$SA = \underline{799 \text{ ft}^2}$$

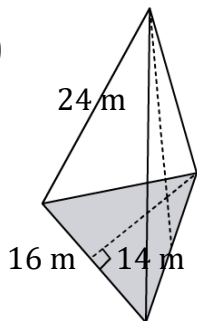
2)



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

$$SA = \underline{861 \text{ cm}^2}$$

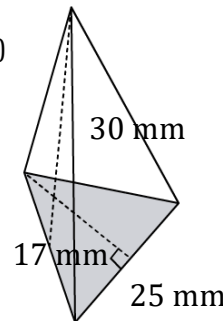
3)



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

$$SA = \underline{688 \text{ m}^2}$$

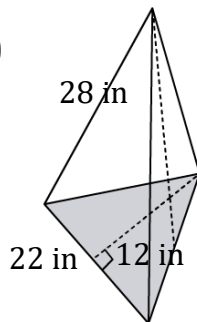
4)



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

$$SA = \underline{1337.5 \text{ mm}^2}$$

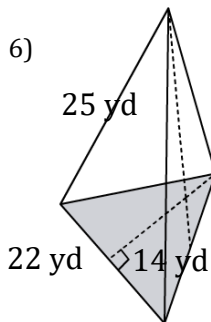
5)



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

$$SA = \underline{1056 \text{ in}^2}$$

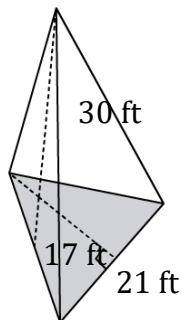
6)



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

$$SA = \underline{979 \text{ yd}^2}$$

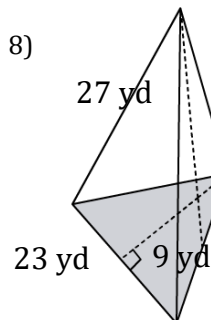
7)



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

$$SA = \underline{1123.5 \text{ ft}^2}$$

8)



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

$$SA = \underline{1035 \text{ yd}^2}$$