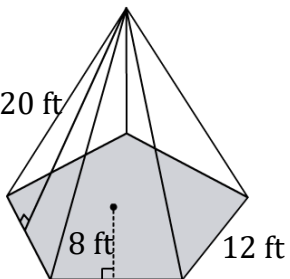


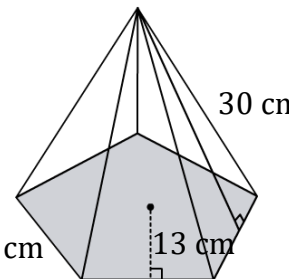
# Surface area of a Pentagonal Pyramid

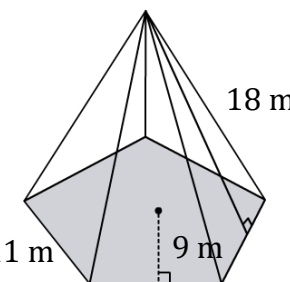
Name: \_\_\_\_\_

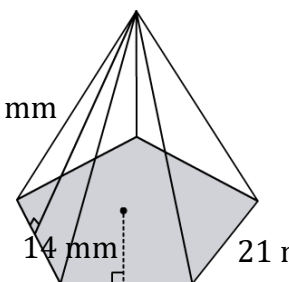
Date: \_\_\_\_\_

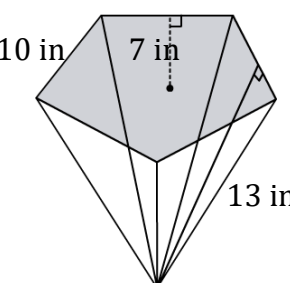
Find the surface area of a pentagonal pyramid? (a=apothem, b=breadth, s=slant height).

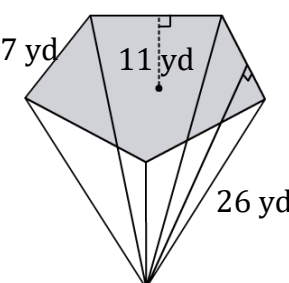
1)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A =$  \_\_\_\_\_

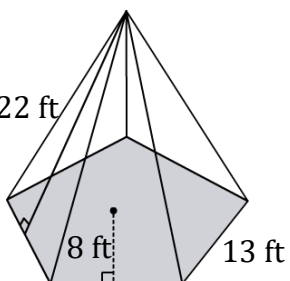
2)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A =$  \_\_\_\_\_

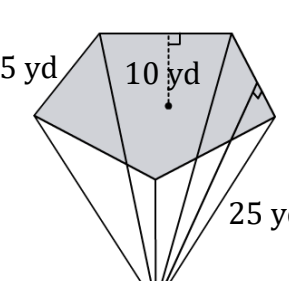
3)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A =$  \_\_\_\_\_

4)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A =$  \_\_\_\_\_

5)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A =$  \_\_\_\_\_

6)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A =$  \_\_\_\_\_

7)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A =$  \_\_\_\_\_

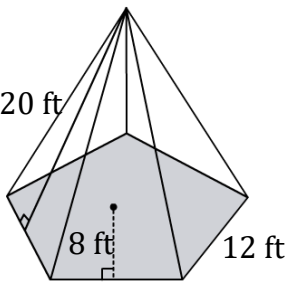
8)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A =$  \_\_\_\_\_

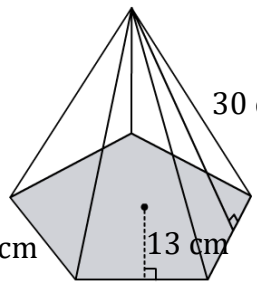
# Surface area of a Pentagonal Pyramid

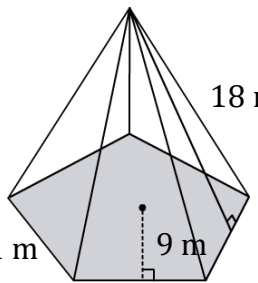
Name: \_\_\_\_\_

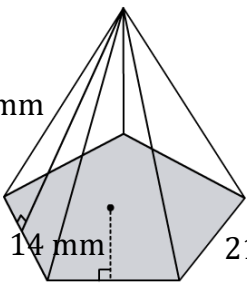
Date: \_\_\_\_\_

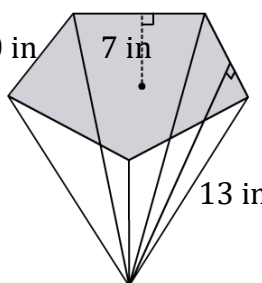
Find the surface area of a pentagonal pyramid? (a=apothem, b=breadth, s=slant height).

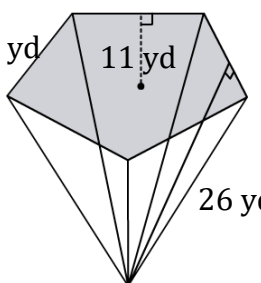
1)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A = \underline{840 \text{ ft}^2}$

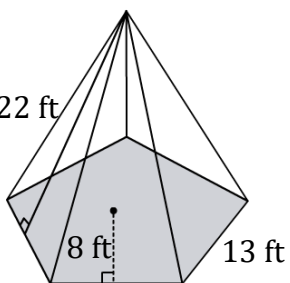
2)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A = \underline{1935 \text{ cm}^2}$

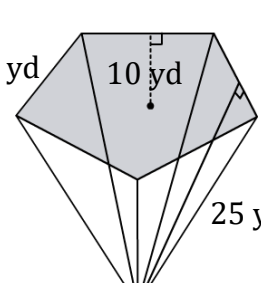
3)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A = \underline{742.5 \text{ m}^2}$

4)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A = \underline{2205 \text{ mm}^2}$

5)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A = \underline{500 \text{ in}^2}$

6)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A = \underline{1572.5 \text{ yd}^2}$

7)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A = \underline{975 \text{ ft}^2}$

8)   $A = \frac{5}{2}ab + \frac{5}{2}bs$   
 $A = \underline{1312.5 \text{ yd}^2}$