

5A.9 Learning Opportunity

Surface Area of pyramids and cones



Name: _____

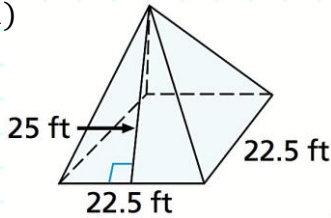
Find the surface area of each figure shown below. Round each answer to the nearest whole number. When Pi is needed, please estimate using 3.14. You may use a calculator for your computation as long as you show the formulas you used and the steps of your work.

Surface Area of a Cone

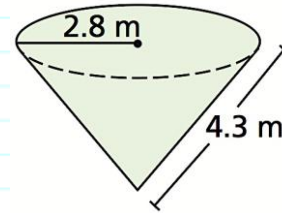
$$SA = \pi rs + \pi r^2$$

where r is the radius of the base and s is the slant height.

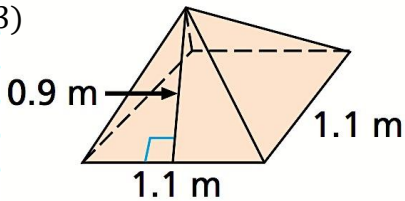
1)



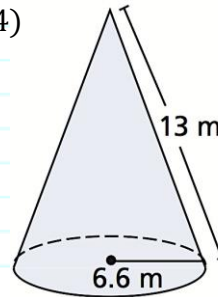
2)



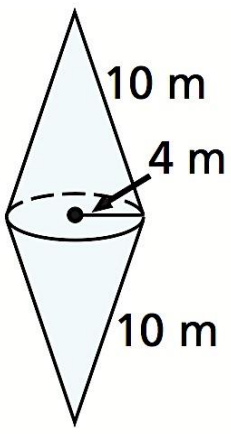
3)



4)



5)



6)

