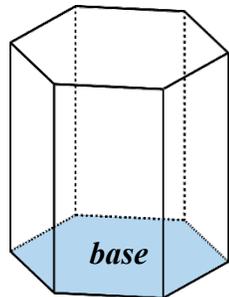
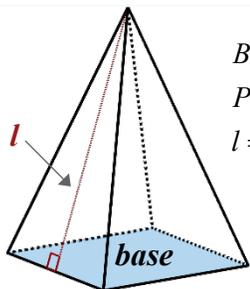


Surface Area = 2B + Ph



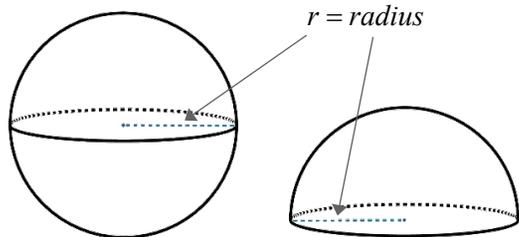
*B = area of the base
P = perimeter of the base
h = height of prism*

Surface Area = B + $\frac{1}{2}Pl$



*B = area of the base
P = perimeter of the base
l = slant height*

Sphere: Surface Area = $4\pi r^2$

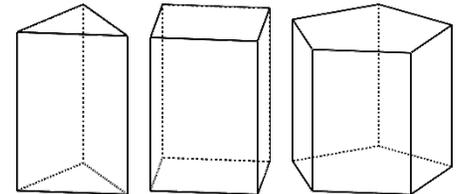


Hemisphere: Surface Area = $3\pi r^2$

glue here

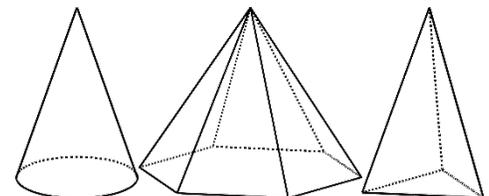
SURFACE AREA

OF PRISMS



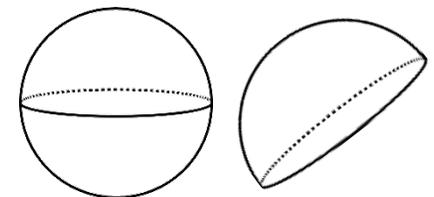
SURFACE AREA

OF REGULAR PYRAMIDS



SURFACE AREA

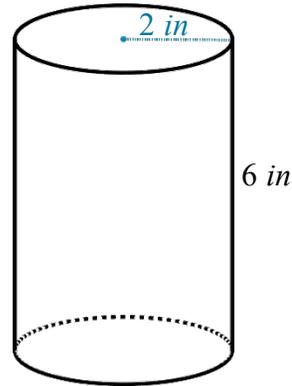
OF OTHER SOLIDS



The surface area, S , of a _____ is the _____, B , times 2 plus the _____.

The area of the lateral faces is the _____, P , times the _____ of the prism, h .

Example:

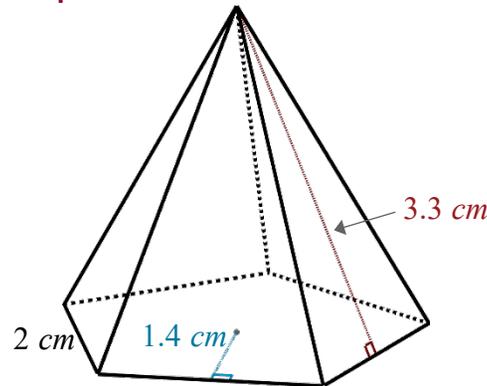


$$S = 2B + Ph$$

The surface area, S , of a _____ is the _____, B , plus the _____.

The area of the lateral faces is one-half times the _____, P , times the _____ of the pyramid, l .

Example:

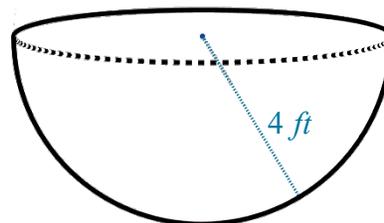


$$S = B + \frac{1}{2}Pl$$

The surface area, S , of a _____ is the _____, r^2 , times 4π .

The surface area, S , of a _____ is the _____, r^2 , times 3π .

Example:



$$S = 3\pi r^2$$