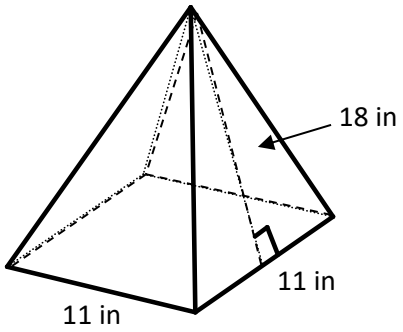
Name _____ 12.2-12.6 Review

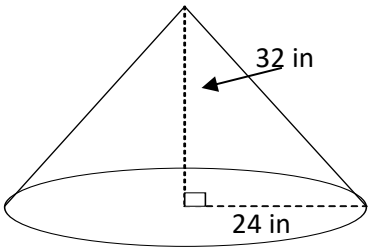
Find the surface area and volume of each. Show all work!

1.



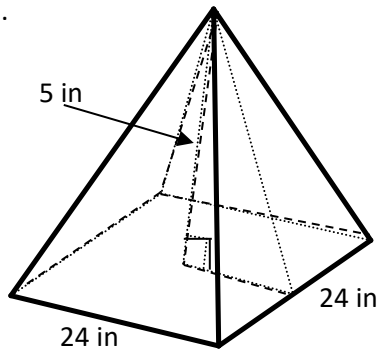
SA= 517 in^2 V=691.3 in^3

2.



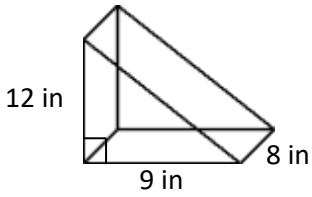
SA= 1536π in^2 V= 6144πin^3

3.



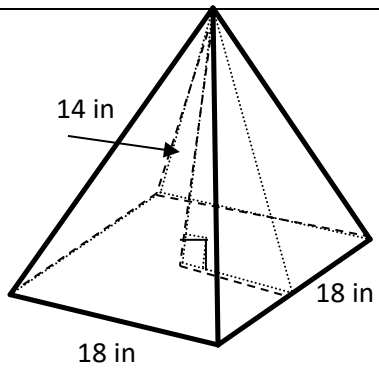
SA= 1200 in^2 V= 960 in^3

4.



SA= 396 in^2 V= 432 in^3

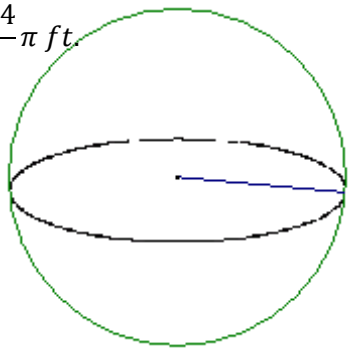
5.



SA= 923.16 in^2 V= 1512 in^3

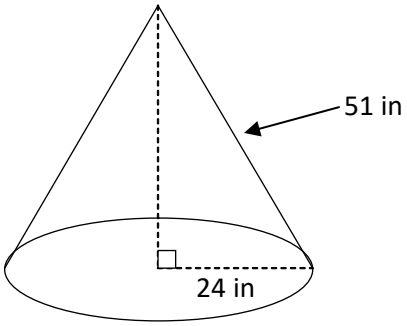
6.

$V = \frac{864}{3}\pi\ ft.$



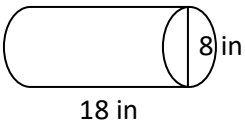
SA= 144π ft^2 radius= 6 ft.

7.



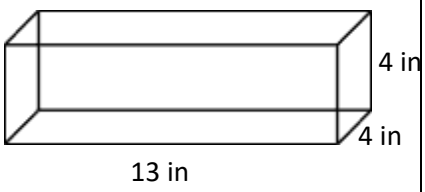
SA= 1800π in^2 V= 8640π in^3

8.



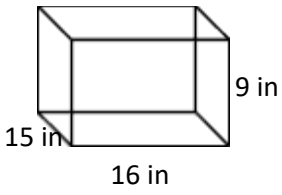
SA= 176πin^2 V= 288π in^3

9.



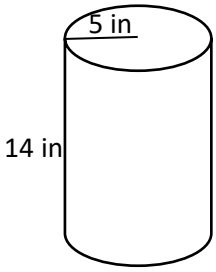
SA= 240 in^2 V= 208 in^3

10.



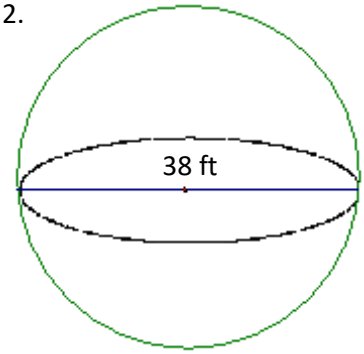
SA= 1038 in^2 V= 2160 in^3

11.



SA= 190π in^2 V= 350π in^3

12.



SA= 1444π in^2 V= 28730.9 in^3