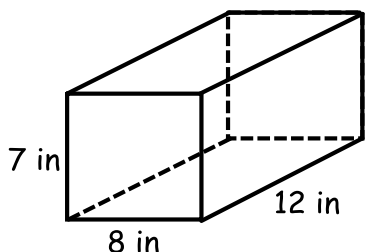


Find the volume for each type of figure:

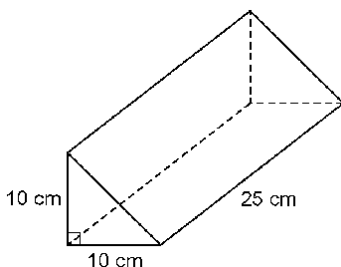
Volume of a Prism or Cylinder:
 $V = B \cdot h$

Prisms:

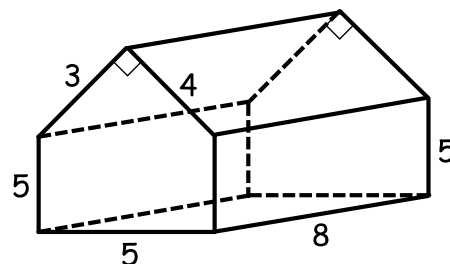
1. _____



2. _____

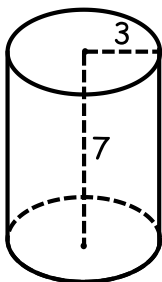


3. _____

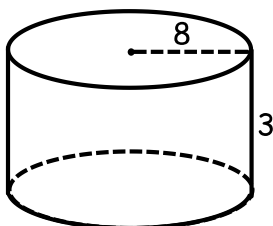


Cylinders:

4. _____

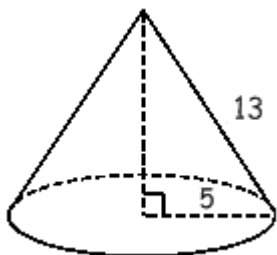


5. _____

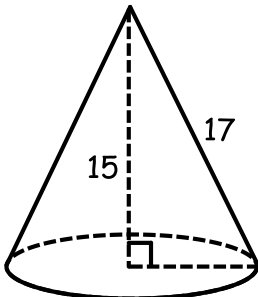


Volume of a Cone or Pyramid
 $V = \frac{1}{3}B \cdot h$

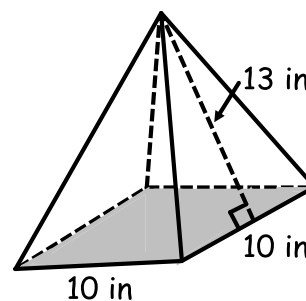
6. _____



7. _____



8. _____



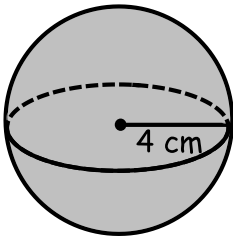
SA and Volume of a Sphere

$$SA = 4\pi r^2$$

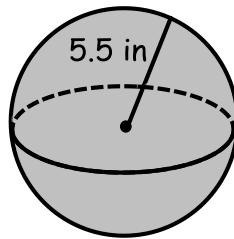
$$V = \frac{4}{3}\pi r^3$$

Find the surface area of the sphere. Round your result to two decimal places.

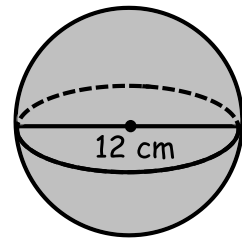
9.



10.



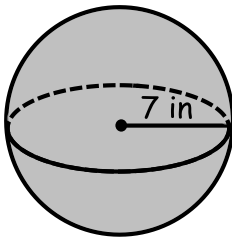
11.



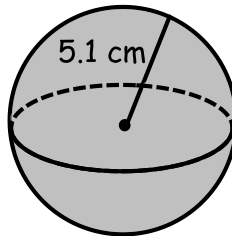
12. What happens to the SA of a sphere if you double the radius?

Find the volume of the sphere. Round your result to two decimal places.

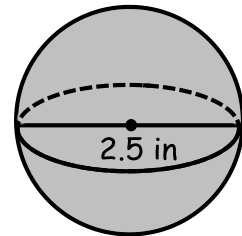
13.



14.



15.



16. What happens to the Volume of a sphere if you double the radius?