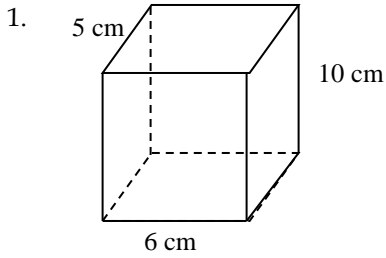


Find the indicated for each of the following figures.

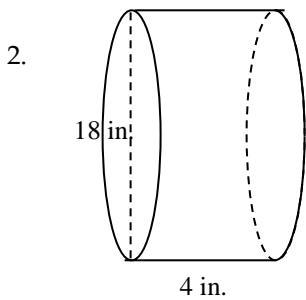


Lateral Area = _____

Total Area = _____

Volume = _____

Parallel Cross Section: _____

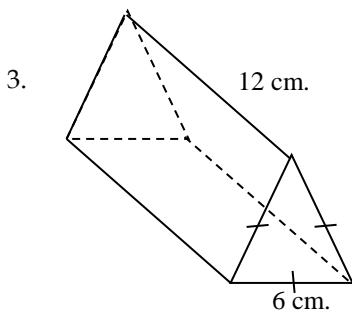


Lateral Area = _____

Total Area = _____

Volume = _____

Parallel Cross Section: _____



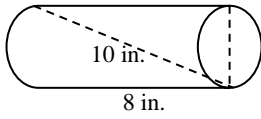
Lateral Area = _____

Total Area = _____

Volume = _____

Parallel Cross Section: _____

4.



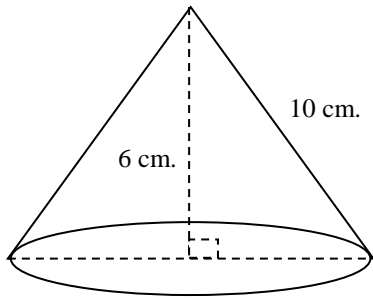
Lateral Area = _____

Total Area = _____

Volume = _____

Parallel Cross Section: _____

5.



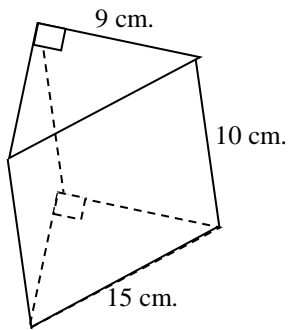
Lateral Area = _____

Total Area = _____

Volume = _____

Parallel Cross Section: _____

6.



Lateral Area = _____

Total Area = _____

Volume = _____

Parallel Cross Section: _____

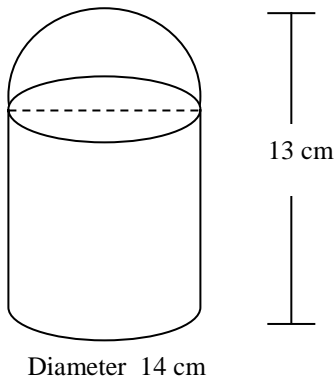
7. A right cylindrical tank is 8 ft in diameter and 20 ft tall. How many gallons of paint are needed to paint the tank if one gallon covers 200 sq ft?
 (note: you are painting the top and the bottom)

7. _____

8. If a sphere has a surface area of $36\pi\text{cm}^2$, find the volume of the sphere.

Volume = _____

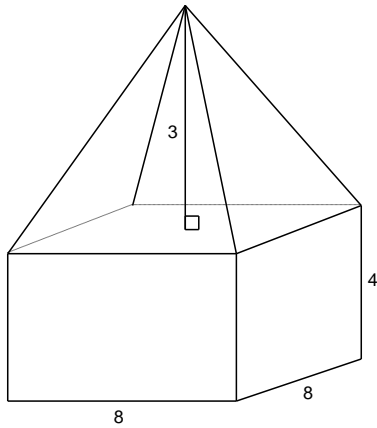
9.



Surface Area = _____

Volume = _____

10.



Surface Area = _____

Volume = _____

11. The volume of a regular square pyramid is 1805cm^3 . Its height is 15 cm. Find the base edge of the pyramid.

Base edge = _____

12. The surface area of a right circular cone is $728\pi\text{cm}^2$ and the diameter is 26 cm. Find the slant height of the cone.

Slant height = _____