

1. Find the volume of a cylinder, whose radius and height are 8 in and 11 in respectively. (Write answer to 4 significant figures)

2. Find the volume of a cone whose diameter is equal to its height which measures 16 *in*. (Write answer to 4 significant figures)

Use the following information to answer questions 3 and 4

A cylindrical tank has an internal diameter of 7.2 *ft* while its thickness is 0.8*ft*.

3. Find the capacity of the tank in *cubic feet* if it is 4.5 high. (Write answer to 4 significant figures)

4. What is the volume of the thickness of the wall of the cylinder? (Write answer to 4 significant figures)

5. What would be the volume of a cone whose height which is twice the diameter is 24 in. (Write answer to 4 significant figures)

Answer Key

Day 151:

1. 2212 in^3
2. 1072 in^3
3. 183.2 in^3
4. 90.48 in^3
5. 3619 in^3