

Name : _____

Date : _____

7th GRADE MATH VOLUME

Questions :

1. Find the volume of the cube if the diagonal of the cube **measures $4\sqrt{3}$ units.**
2. Calculate the volume of a cylinder having a radius of **3 units, and a height of 7 units.**
3. Find the volume of a sphere of **radius 12 units.**
4. A conical tent is 10m high and the radius of its base is 24m. **Find the slant height of the tent.**
5. The volume of the right circular cone having a radius of **6 cm and height of 7cm** is _____
6. A cylindrical tank has a radius of 5 units and a height of 14 units. **Find the volume of the cylindrical tank.**
7. Find the ratio of the volumes of a sphere and a hemisphere, each having a **radius of 17 units.**
8. How many cubic boxes of side 2 cms, be placed in a large cubic **box of side 4 cms?**
9. The side of a cube is doubled. **The percentage change in the volume of the cube is _____**
10. Find the number of lead balls, each 1 cm in diameter that can be made from a **sphere of diameter 12cm.**