

Class 10 Mathematics - Surface Areas and Volumes

Name: _____

Date: _____

Easy Worksheet 2

Questions

1. State the formula for the Surface Area of a sphere.
2. State the formula for the Volume of a sphere.
3. State the formula for the Curved Surface Area of a hemisphere.
4. State the formula for the Total Surface Area of a hemisphere.
5. State the formula for the Volume of a hemisphere.
6. What is the relationship between diameter and radius?

Answer Key

1. Surface Area = $4\pi r^2$
2. Volume = $(4/3)\pi r^3$
3. CSA = $2\pi r^2$
4. TSA = $3\pi r^2$
5. Volume = $(2/3)\pi r^3$
6. Diameter = $2 \times$ Radius