

Class 10 Mathematics - Surface Areas and Volumes

Name: _____

Date: _____

Easy Worksheet 1

Questions

1. State the formula for the Curved Surface Area (CSA) of a cylinder.
2. State the formula for the Total Surface Area (TSA) of a cylinder.
3. State the formula for the volume of a cylinder.
4. State the formula for the Curved Surface Area (CSA) of a cone.
5. State the formula for the volume of a cone.
6. State the formula for the slant height of a cone.

Answer Key

1. $CSA = 2\pi rh$
2. $TSA = 2\pi r(r + h)$
3. $Volume = \pi r^2 h$
4. $CSA = \pi rl$
5. $Volume = (1/3)\pi r^2 h$
6. $l = \sqrt{r^2 + h^2}$