

Chapter 11 Pop Worksheet

Review: List the formulas for following:

Circumference =

Area of a Circle =

Area of
Parallelogram =

Area of
a Trapezoid =

Area of
Triangle =

Area of
Regular Polygon =

Surface Area
Of a Cylinder =

Surface Area
Of a Cone =

Volume
Of a Prism =

Volume
Of a Cylinder =

Volume
Of a Pyramid=

Volume
Of a Cone =

Problems:

1. The volume of a triangular prism is 1440 cm^3 . The base is a right triangle whose legs are 8 cm and 15 cm long. Find the height of the prism. **SHOW ALL WORK.**

2. The volume of a cylinder is 2814 m^3 . Find the radius of the base of cylinder if it has the height of 14m. **SHOW ALL WORK.**