

Volume of a Cylinder

Practice Your Understanding

Name: _____

Date: _____

1. Write down the equation for calculating the volume of a cylinder below:

2. Using this formula calculate the volume of a cylinder that has a radius of 20.5 m and a height of 54.2 m . Show all work and record your answer below:

3. Given the volume of a cone to be 12986.89 m^3 , and a height to be 89.4 m , find the radius of the cylinder. You can use a calculator for this problem, but show all the steps you would take to solve this problem and record your answer below:

4. What is the volume of a cylinder that has a radius of 0.65 m and a height of 0.75 m ? What would you call a cylinder of this type? Show all work and record your answer below:

