**Exercise 2.3**

Objectives 2.3, 2.8

1. Suppose m and r are integers. Write a Python expression for mr 2 . What is 2 \* 2 \*\* 3?

2. Write a program that reads in the radius and length of a cylinder and computes the area and volume using the following formulas:

area = radius \* radius \* π

volume = area \* length

Sample Run

Enter the radius of a cylinder: 5.5

Enter the length of a cylinder: 12.9

The area is 95.0330975

The volume of the cylinder is 1225.92695775