**Geometry – Take Home Quiz Name:**

**Sec. 10.4- 10.7- Surface Area and Volume Period: 1 2 6 8 Date: 4/21/17**

***Honor Statement:***

\* I pledge that the only materials I will use to complete this assessment are MY OWN notes/quizzes/worksheets

and the online and/or MY OWN hardbound copy of the textbook.

\* I pledge that I will neither give to nor receive aid from any other person while completing this assignment.

\* I attest that the work appearing on this take home assignment is entirely my own.

­

*Signature Date*

**\*\*Students must show appropriate work to receive full credit.\*\***

|  |
| --- |
| 1. Find the Volume of the cylinder with the cone removed.    Volume = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. Find the Surface Area and Volume of the right cylinder with a 90° slice removed.    Surface Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Volume = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. Find the Surface Area and Volume of the following figure.    Surface Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Volume = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. Find the Surface Area of the following figure.    Surface Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |