**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.

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 *Signature Date*

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

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| 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. $l=8 yds., w=4 yds., h=10 yds, d=4 yds. $Find the Surface Area of the following figure.Surface Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  |