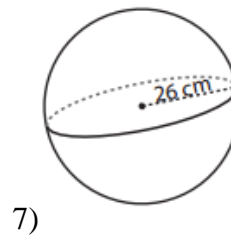
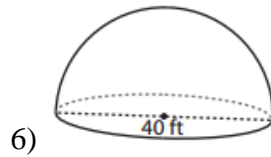
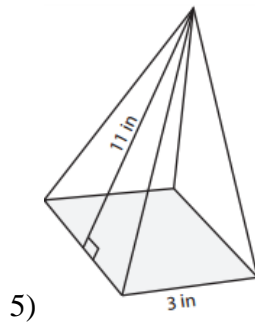
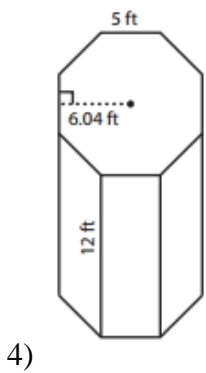
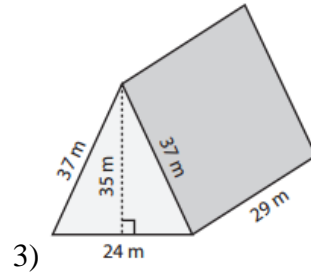
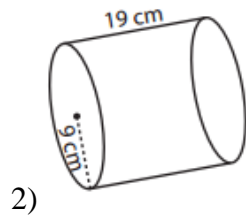
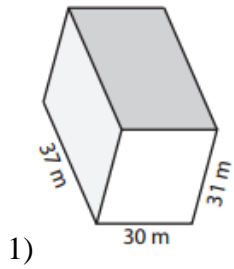


Name: _____ Date: _____ Period: _____

Focus on Geometry Unit 11 practice test Show your work and write your answer in the answer box provided

Name the solid(a) and find its surface area(b)



1a) _____

1b) _____

2a) _____

2b) _____

3a) _____

3b) _____

4a) _____

4b) _____

5a) _____

5b) _____

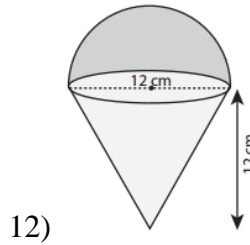
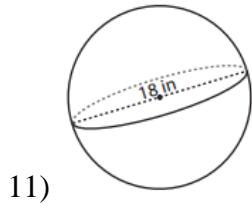
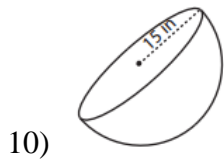
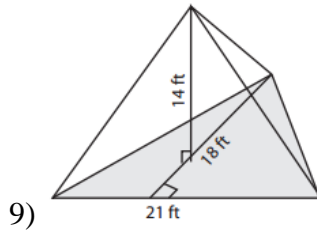
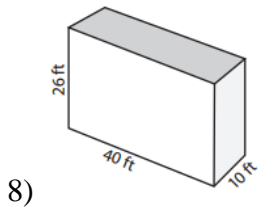
6a) _____

6b) _____

7a) _____

7b) _____

Find the volume of the solid



| | |
|------|-------|
| 8) | _____ |
| 9) | _____ |
| 10) | _____ |
| 11) | _____ |
| 12) | _____ |
| EC1) | _____ |
| EC2) | _____ |
| | _____ |
| | _____ |
| EC3) | _____ |

Extra credit

EC1) A cubic tank with 4.6m edges is filled with water. How much water will be left in the tank if some is drained off to fill a cylindrical tank with a radius of 2.2m and a height of 4.8m? Round to the nearest tenth.

EC2) A birthday gift box is 55cm by 40cm, and 5cm high. The sheet of paper you want to use to wrap it measures 75cm by 100cm. Is the paper large enough to wrap the gift? Explain.

EC3) Find the surface area of the solid

