Name Date

Volumes of Pyramids Homework Day 1

9.5

Find the volume of the pyramid.

|  |  |
| --- | --- |
| TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0905_08.png1.) | TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0905_10.png2.) |
| TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0905_11.png3.) | TA: C:\replacearts\mscc7Awb02.01_RPJ\Red Accel Chapter 9 RPJ\Arts\PNGs\mscc7_rpj_0905_13.png4.) |
| 5.)  | 6.) A sign made of solid wood is in the shape of a pyramid. The base is a triangle with a base of 6 feet and a height of 4 feet. The height of the sign is 7 feet. The wood costs $3 per cubic foot. What is the cost of the sign? |
|  7.) A pyramid has a height of 6 centimeters and the area of the base is 36 square centimeters. What is the volume of the pyramid? |

9.5 Homework Day 1:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1.) 600 mm3 | 2.) 1375 cm3 | 3.) 200 in3 | 4.) 120 yd3 | 5.) 240 m3 | 6.) $84 | 7.) 72 cm3 |