Name Date

Volume of Prisms Homework Day 1

9.4

Find the volume of the prism.

|  |  |
| --- | --- |
| TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0904_04.png1.  | TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0904_05.png2.  |
| TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0904_06.png3. | 4.TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0904_07.png |
| TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0904_08.png5. | TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0904_09.png6. |
| 7.) A water jug is in the shape of a prism. The area of the base is 100 square inches and the height is 20 inches. How many gallons of water will the water jug hold?  Round your answer to the nearest tenth. |

9.4 Homework Day 1:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1.) 36 in3 | 2.) 135 m3 | 3.) 120 cm3 | 4.) 16 yd3 | 5.) 15 in3 | 6.) 300 m3 | 7.) 8.7 gallons |