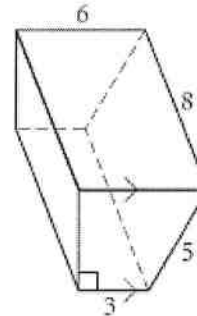


In exercises 1-4, find the volume of each prism or cylinder. Assume the measurements are in centimeters. Round your answer to the nearest hundredth.

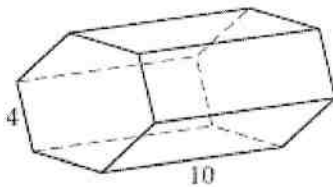
1.



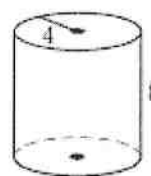
2.



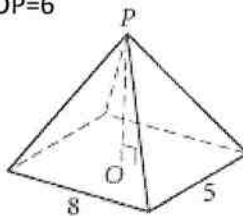
3.



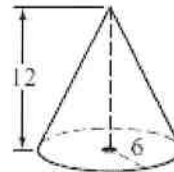
4.



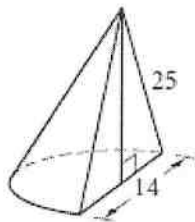
In exercises 5-7, find the volume of each pyramid or cone. Assume the measurements are in centimeters. Round your answer to the nearest hundredth.

5. $OP=6$ 

6.



7.



In exercises 8-9, draw a picture, show all work and round your answer to the nearest hundredth.

8. A king-size waterbed mattress measures 72 in by 84 in by 9 in . Water weighs 62.4 pounds per cubic foot. An empty mattress weighs 35 pounds. How much does a full mattress weigh? (1728 in^3 in one cubic foot)

9. A cone has volume 320 cm^3 and height 16 cm . Find the radius of the base.

10. Sketch and label a regular rectangular prism with vertices ABCDEFGH. List all faces and edges.