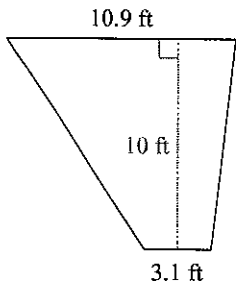


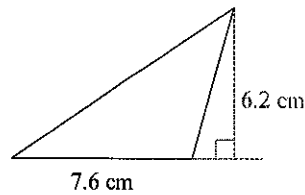
p. 551 # 6, 9
p. 546 # 2, 3

Find the area of each.

1)

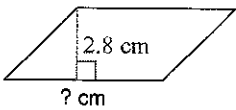


2)



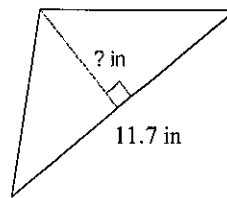
Find the missing measurement. Round your answer to the nearest tenth.

3)



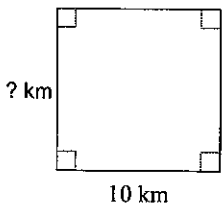
Area = 17.1 cm²

4)



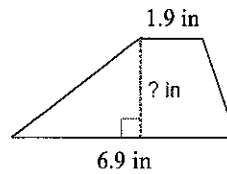
Area = 29.3 in²

5)



Area = 100 km²

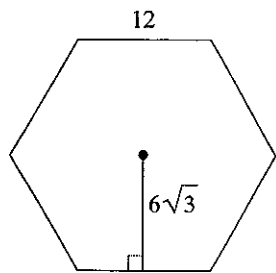
6)



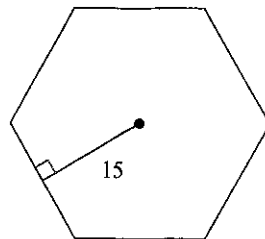
Area = 13.2 in²

Find the area of each regular polygon. Leave your answer in simplest radical form.

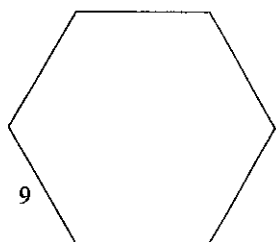
7)



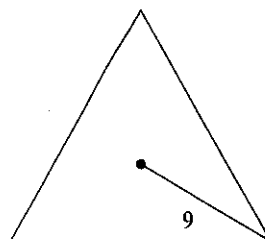
8)



9)

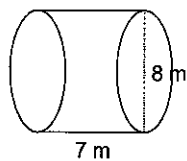


10)

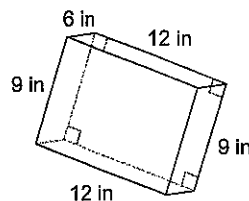


Find the volume of each figure. Round your answers to the nearest hundredth, if necessary.

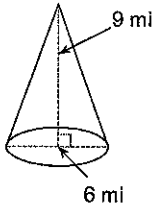
11)



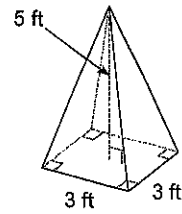
12)



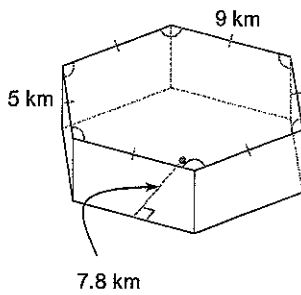
13)



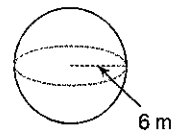
14)



15)



16)



Draw a diagram, show your work, and leave your answers in terms of pi.

17) Find the volume of a square-based pyramid if the slant height is 10 in and the height is 6 in.

Draw a diagram and show your work.

18) The volume of a can of soup is 36 cubic inches. If the height is 5 inches, find the diameter.