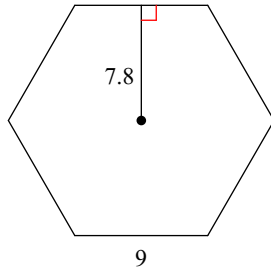


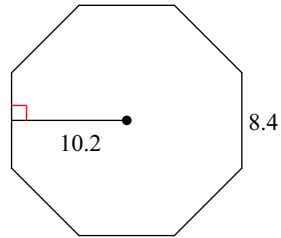
### Section 29.1--Area of Regular Polygons

Find the area of each regular polygon. Round your answer to the nearest tenth if necessary.

1)



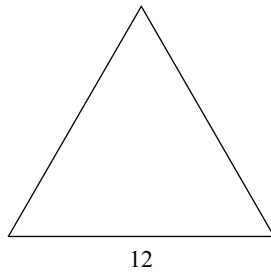
2)



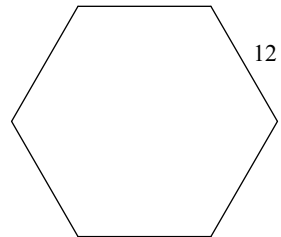
3) triangle  
apothem = 4  
side = 14

4) pentagon  
apothem = 11  
side = 16

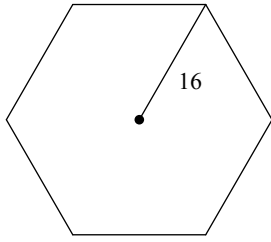
5)



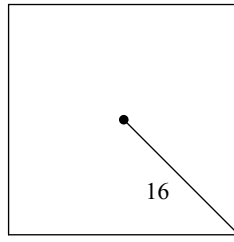
6)



7)

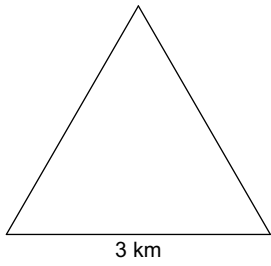


8)

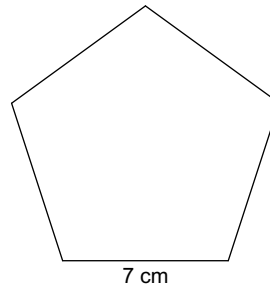


**Find the area of each figure. Round your answer to the nearest tenth.**

9)



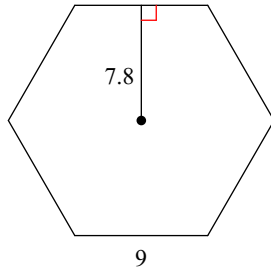
10)



Section 29.1--Area of Regular Polygons

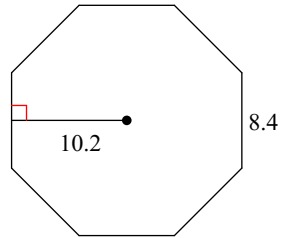
Find the area of each regular polygon. Round your answer to the nearest tenth if necessary.

1)



210.6

2)



342.7

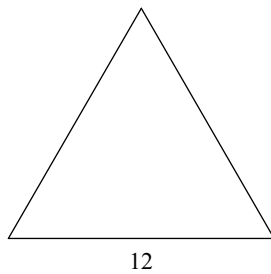
3) triangle  
 apothem = 4  
 side = 14

84

4) pentagon  
 apothem = 11  
 side = 16

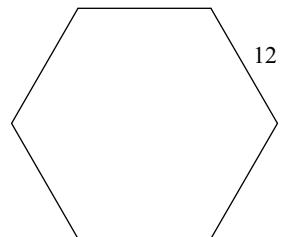
440

5)



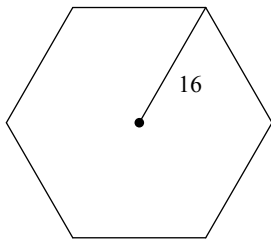
62.4

6)



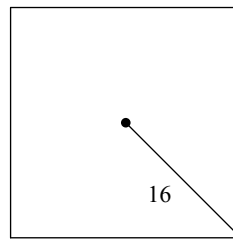
374.1

7)



665.1

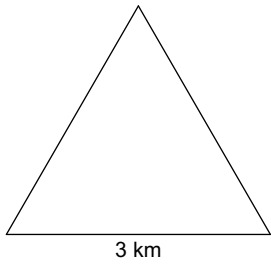
8)



512

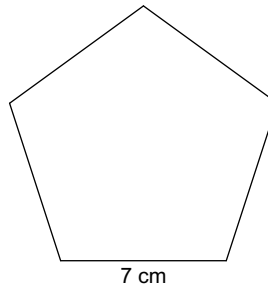
**Find the area of each figure. Round your answer to the nearest tenth.**

9)



3.9 km<sup>2</sup>

10)



84.3 cm<sup>2</sup>