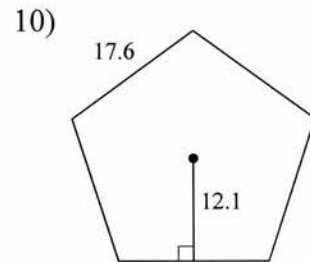
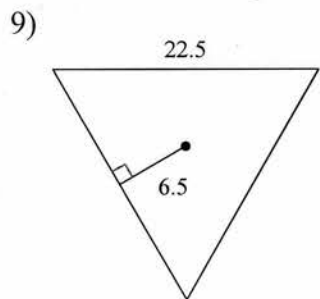
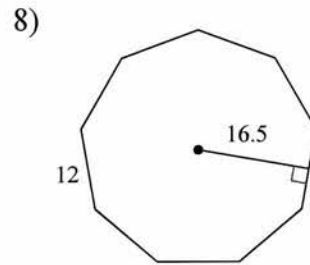
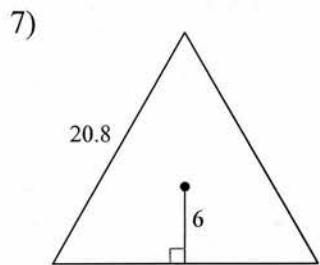
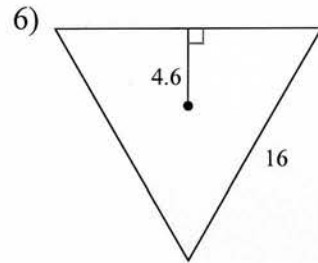
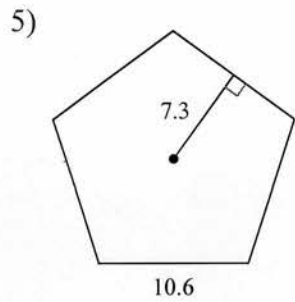
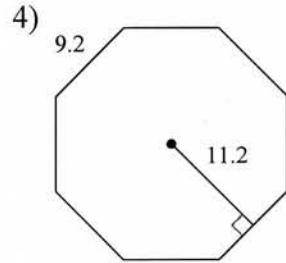
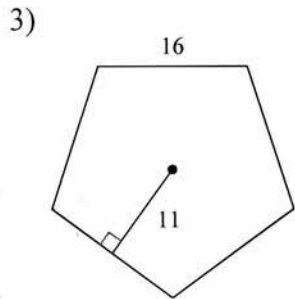
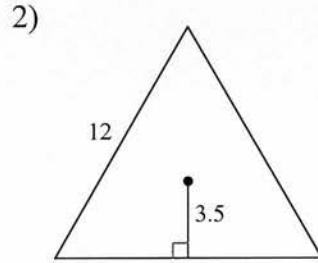
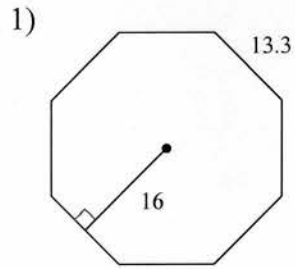


9-7 Area of Regular Polygons (ver1)_hw

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



11) pentagon
apothem = 8.9
side = 12.9

12) triangle
apothem = 4.6
side = 16

13) octagon
apothem = 10.2
side = 8.4

14) 7-gon
apothem = 12.5
side = 12

15) hexagon
apothem = 7.8
side = 9

16) pentagon
apothem = 11
side = 16

17) hexagon
apothem = 6.9
side = 8

18) triangle
apothem = 13
side = 45

19) 7-gon
apothem = 10.4
side = 10

20) octagon
apothem = 14.4
side = 11.9

21) nonagon
apothem = 21.2
side = 15.4

22) triangle
apothem = 15.6
side = 53.9

23) pentagon
apothem = 14
side = 20.4

24) nonagon
apothem = 11.3
side = 8.2

25) octagon
apothem = 6.8
side = 5.7

26) 7-gon
apothem = 14.4
side = 13.9

Answers to 9-7 Area of Regular Polygons (ver 1)_hw

- | | | | |
|------------|------------|-----------|-----------|
| 1) 851.2 | 2) 63 | 3) 440 | 4) 412.2 |
| 5) 193.5 | 6) 110.4 | 7) 187.2 | 8) 891 |
| 9) 219.4 | 10) 532.4 | 11) 287 | 12) 110.4 |
| 13) 342.7 | 14) 525 | 15) 210.6 | 16) 440 |
| 17) 165.6 | 18) 877.5 | 19) 364 | 20) 685.4 |
| 21) 1469.2 | 22) 1261.3 | 23) 714 | 24) 417 |
| 25) 155 | 26) 700.6 | | |