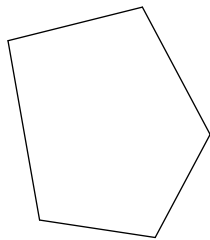


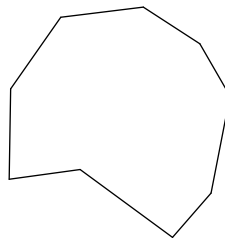
Geometry - Homework 27

Write the name of each polygon.

1)

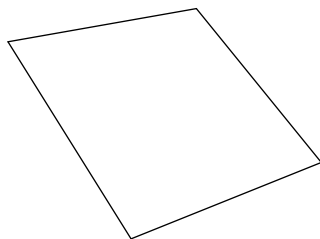


2)

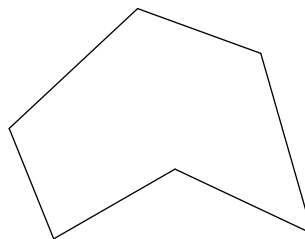


State if each polygon is concave or convex.

3)

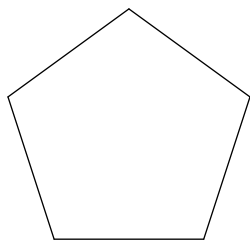


4)

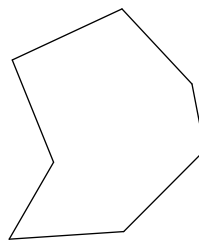


State if each polygon is regular or not.

5)

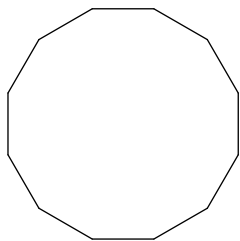


6)

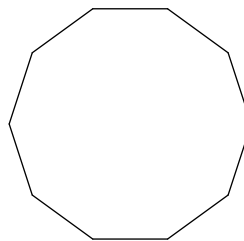


Find the measure of one interior angle in each regular polygon. Round your answer to the nearest tenth if necessary.

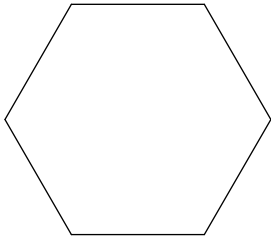
7)



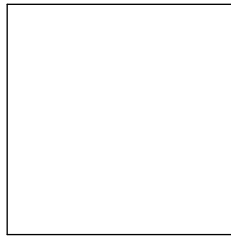
8)



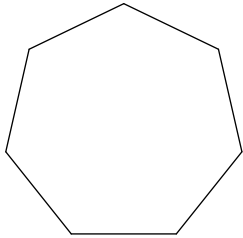
9)



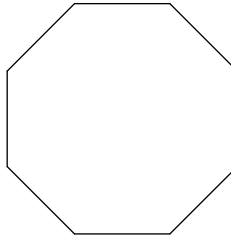
10)



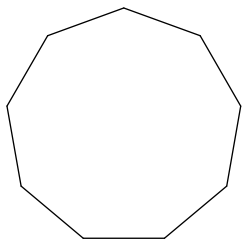
11)



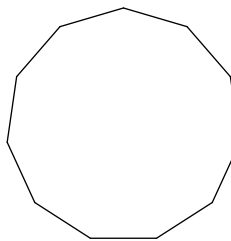
12)



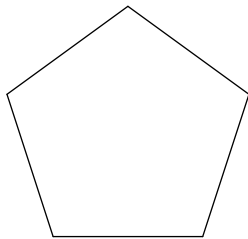
13)



14)

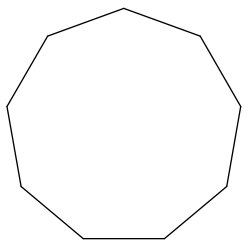


15)

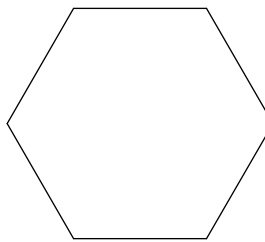


Find the measure of one exterior angle in each regular polygon. Round your answer to the nearest tenth if necessary.

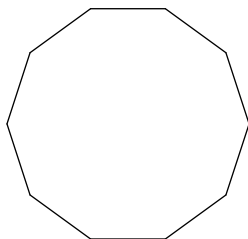
16)



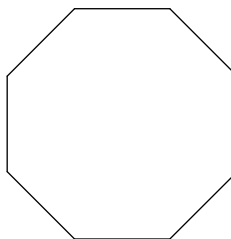
17)



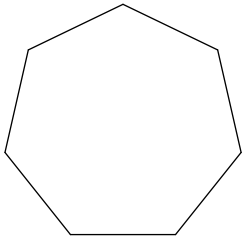
18)



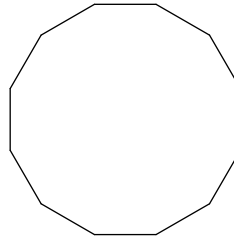
19)



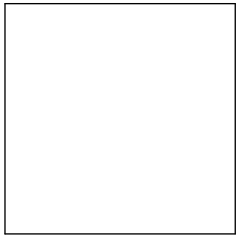
20)



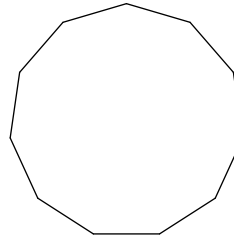
21)



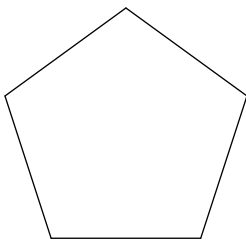
22)



23)

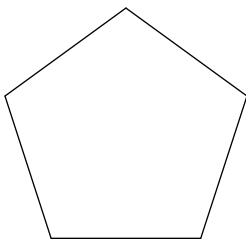


24)



Find the interior angle sum for each polygon. Round your answer to the nearest tenth if necessary.

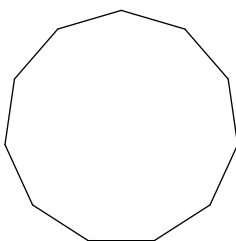
25)



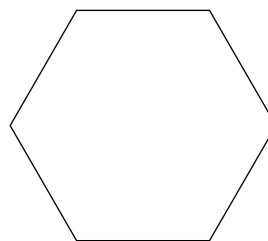
26)



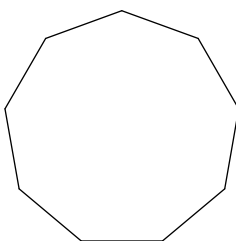
27)



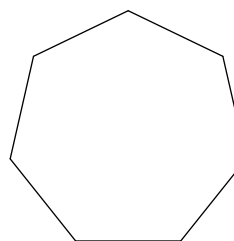
28)



29)



30)



Answers to Geometry - Homework 27

1) pentagon

9) 120°

17) 60°

25) 540°

3) convex

11) 128.6°

19) 45°

27) 1620°

5) regular

13) 140°

21) 30°

29) 1260°

7) 150°

15) 108°

23) 32.7°