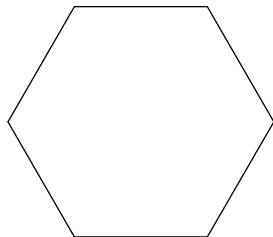


Angles in A Polygon

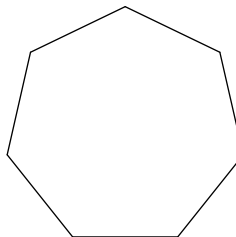
Find the interior angle sum for each polygon. Round your answer to the nearest tenth if necessary.

1)



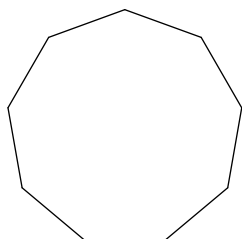
720°

2)



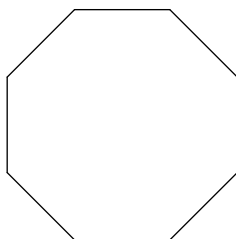
900°

3)



1260°

4)



1080°

5) regular decagon

1440°

6) regular 14-gon

2160°

7) regular quadrilateral

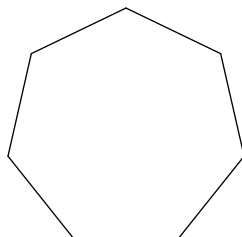
360°

8) regular dodecagon

1800°

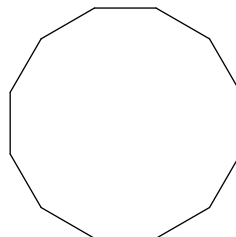
Find the measure of one interior angle in each polygon. Round your answer to the nearest tenth if necessary.

9)



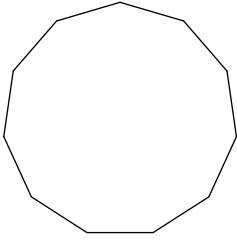
128.6°

10)



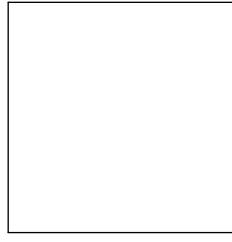
150°

11)



147.3°

12)



90°

13) regular heptagon

128.6°

14) regular nonagon

140°

15) regular octagon

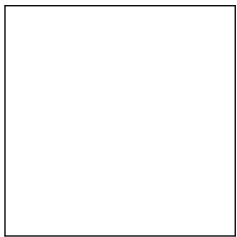
135°

16) regular 15-gon

156°

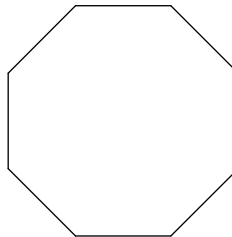
Find the measure of one exterior angle in each polygon. Round your answer to the nearest tenth if necessary.

17)



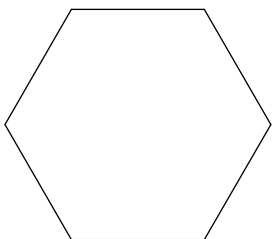
90°

18)



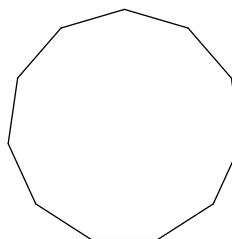
45°

19)



60°

20)



32.7°