

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

1) regular nonagon

2) regular 19-gon

3) regular octagon

4) regular 16-gon

5) regular 13-gon

6) regular decagon

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

7) regular 21-gon

8) regular octagon

9) regular 11-gon

10) regular quadrilateral

11) regular 14-gon

12) regular 23-gon

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

13) regular 21-gon

14) regular 11-gon

15) regular 12-gon

16) regular 25-gon

17) regular hexagon

18) regular 24-gon

Answers to

1) 1260°

5) 1980°

9) 147.3°

13) 17.1°

17) 60°

2) 3060°

6) 1440°

10) 90°

14) 32.7°

18) 15°

3) 1080°

7) 162.9°

11) 154.3°

15) 30°

4) 2520°

8) 135°

12) 164.3°

16) 14.4°

