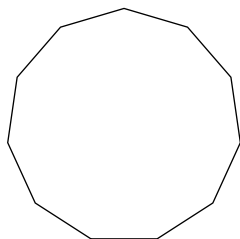


### Practice 5.1

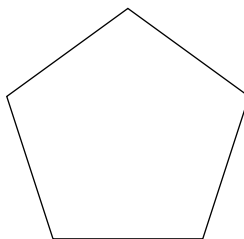
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**Find the interior angle sum for each polygon. Round your answer to the nearest tenth if necessary.**

1)



2)

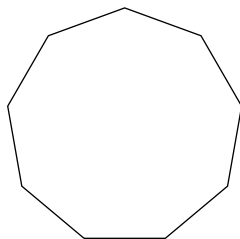


3) regular 15-gon

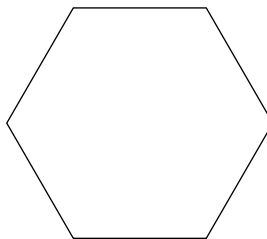
4) regular 11-gon

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

5)



6)



7) regular hexagon

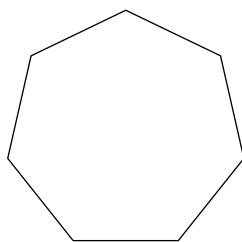
8) regular dodecagon

9) regular 24-gon

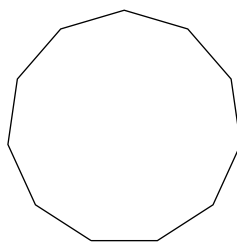
10) regular nonagon

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

11)



12)



13) regular 25-gon

14) regular decagon

15) regular 22-gon

16) regular heptagon

## Answers to Practice 5.1

1)  $1620^\circ$

2)  $540^\circ$

3)  $2340^\circ$

4)  $1620^\circ$

5)  $40^\circ$

6)  $60^\circ$

7)  $60^\circ$

8)  $30^\circ$

9)  $15^\circ$

10)  $40^\circ$

11)  $128.6^\circ$

12)  $147.3^\circ$

13)  $165.6^\circ$

14)  $144^\circ$

15)  $163.6^\circ$

16)  $128.6^\circ$