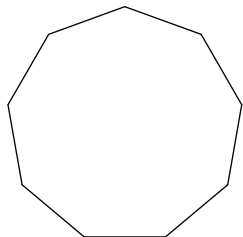


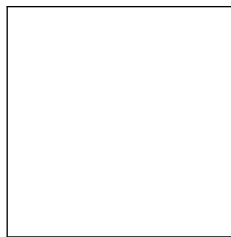
Day 1 polygons-Classwork/Homework

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

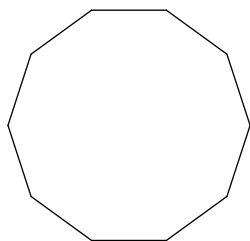
1)



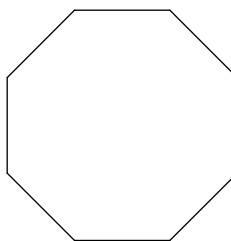
2)



3)



4)

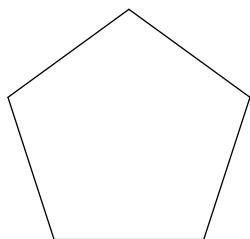


5) regular pentagon

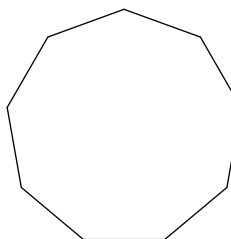
6) regular 22-gon

**Name each figure then find the interior angle sum for each polygon. Round your answer to the nearest tenth if necessary.**

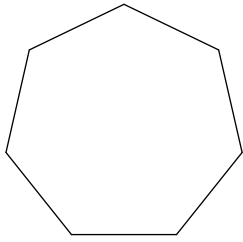
7)



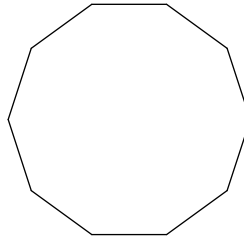
8)



9)



10)

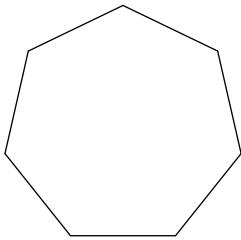


11) regular 22-gon

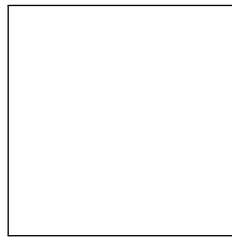
12) regular 13-gon

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

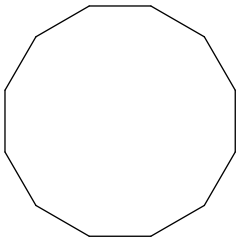
13)



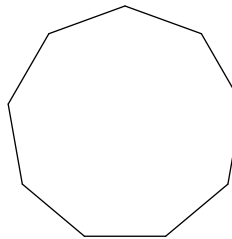
14)



15)



16)



17) regular 20-gon

18) regular octagon

## Answers to Day 1 polygons-Classwork/Homework (ID: 1)

1)  $140^\circ$

2)  $90^\circ$

3)  $144^\circ$

4)  $135^\circ$

5)  $108^\circ$

6)  $163.6^\circ$

7)  $540^\circ$

8)  $1260^\circ$

9)  $900^\circ$

10)  $1440^\circ$

11)  $3600^\circ$

12)  $1980^\circ$

13)  $51.4^\circ$

14)  $90^\circ$

15)  $30^\circ$

16)  $40^\circ$

17)  $18^\circ$

18)  $45^\circ$