

## Unit 7.4 Angle Measures in Polygons PRACTICE

Period \_\_\_\_\_

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

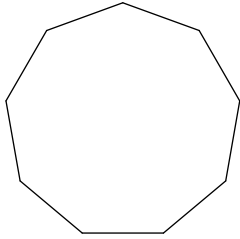
1) regular 23-gon

2) regular 11-gon

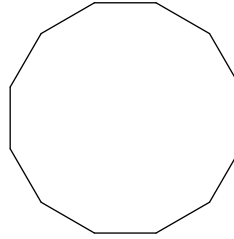
3) regular 19-gon

4) regular 20-gon

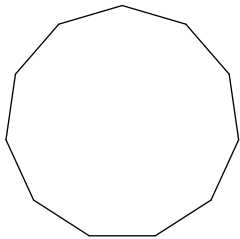
5)



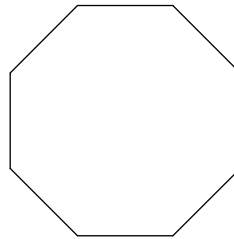
6)



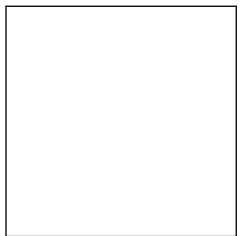
7)



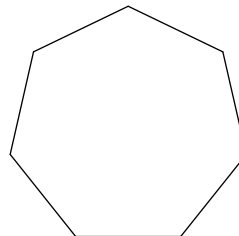
8)



9)



10)



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

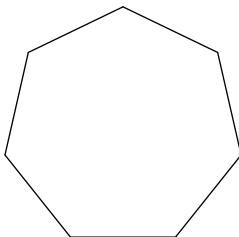
11) regular dodecagon

12) regular 20-gon

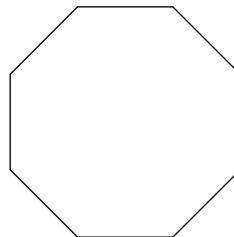
13) regular hexagon

14) regular 22-gon

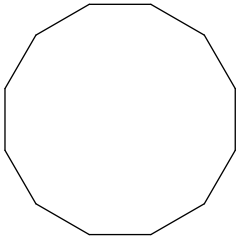
15)



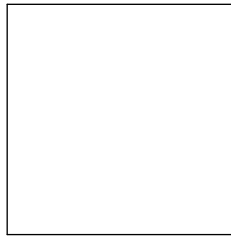
16)



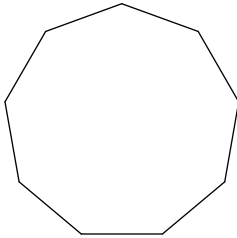
17)



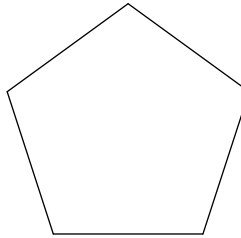
18)



19)



20)



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

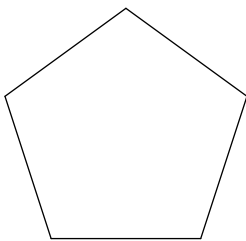
21) regular 11-gon

22) regular 15-gon

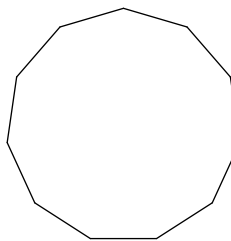
23) regular 20-gon

24) regular 13-gon

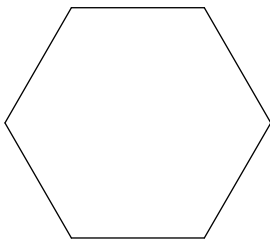
25)



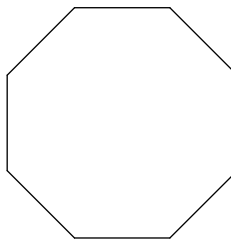
26)



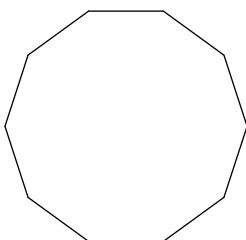
27)



28)



29)



30)

