

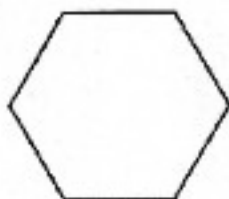


Interior & Exterior Angles of Polygons

Show your work/explanations in each of the text boxes provided for each problem.

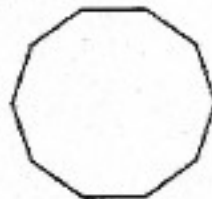
Find the interior angle sum for each polygon.

1)



1)

2)



2)

3)



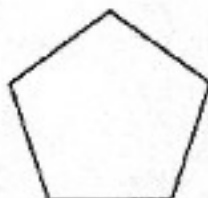
3)

4)



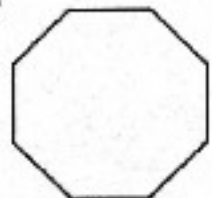
4)

5)



5)

6)



6)



Geometry

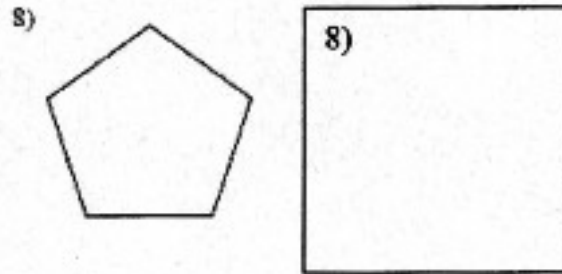
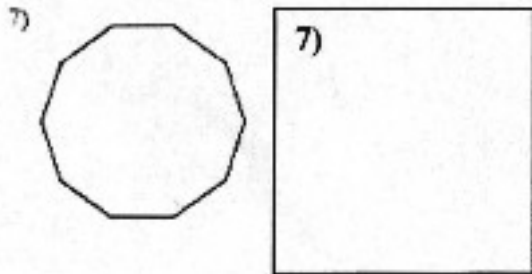
Unit 3—polygons

Day 11—polygons and angle measures

Name: _____

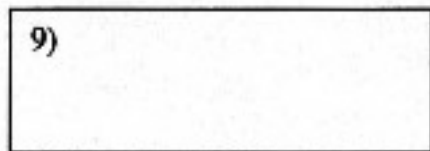
Period: _____

Find the interior angle for each polygon:



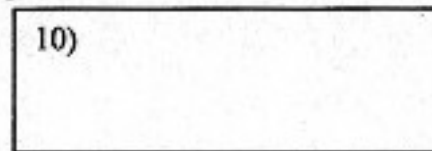
Find the interior angle for a

9) **regular nonagon:**

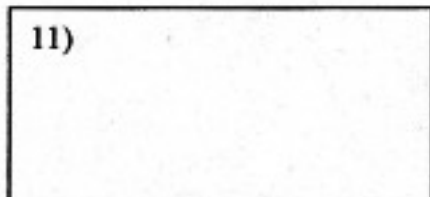


Find the interior angle for a

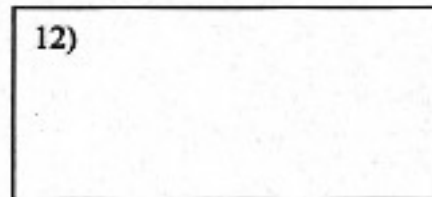
10) **regular Hexagon:**



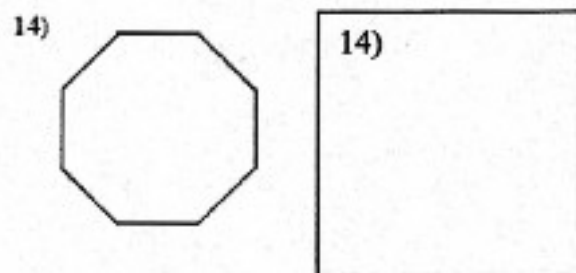
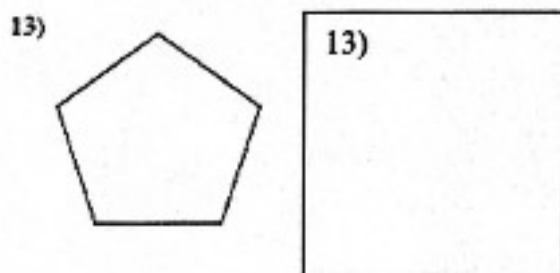
11) **Find the interior angle for a 17-gon:**



12) **Find the interior angle for a 24-gon:**

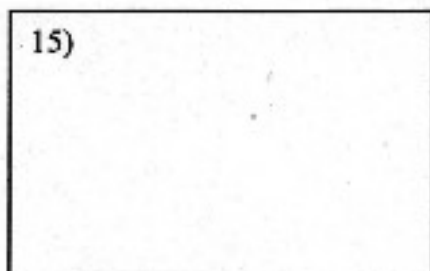


Find the measure of one exterior angle for each polygon:



Find the measure of one exterior angle for each polygon:

15) **a 14-gon:**



16) **a 20-gon:**

