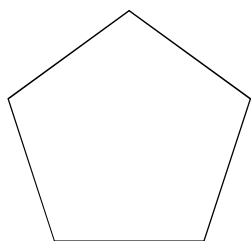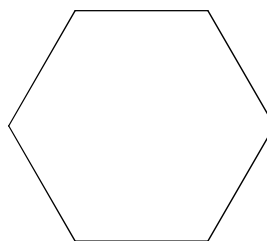Name_____

Assignment

Date_____ Period_____

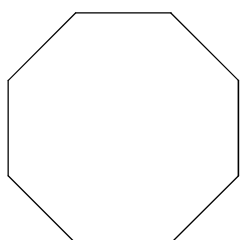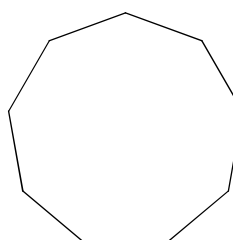**Find the interior angle sum for each polygon. Round your answer to the nearest tenth, if necessary.**
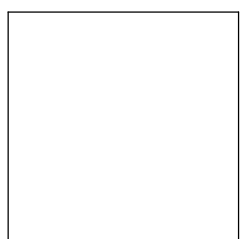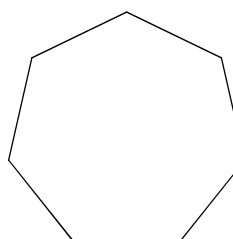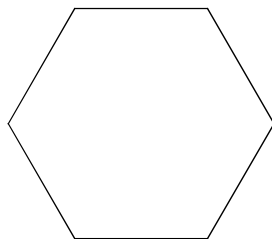
1)

540°
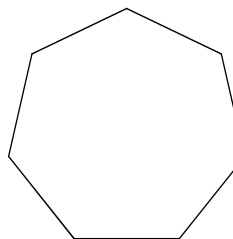
2)

720°

3)

1080°

4)

1260°

5)

360°

6)

900°

Find the measure of one interior angle in each regular polygon. Round your answers to the nearest tenth, if necessary.
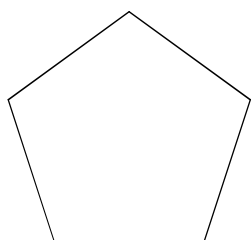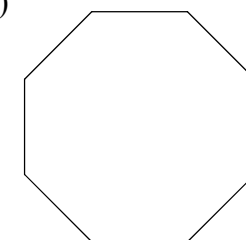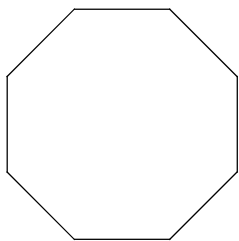
7)

120°

8)

128.6°
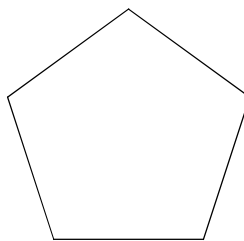
9)

108°

10)

135°

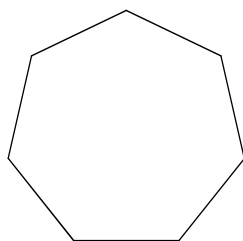**Find the measure of one exterior angle in each regular polygon. Round your answers to the nearest tenth, if necessary.**
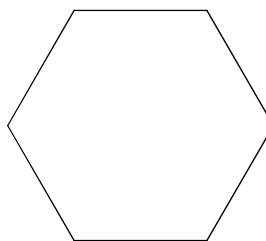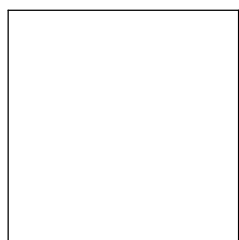
11)
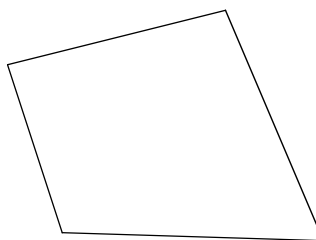
45°

12)

72°

13)

51.4°

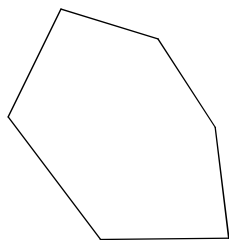14)

60°

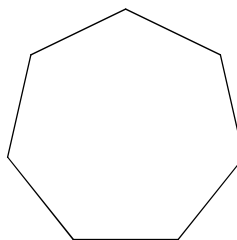**Indicate which polygons are clearly NOT regular.**
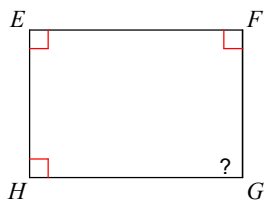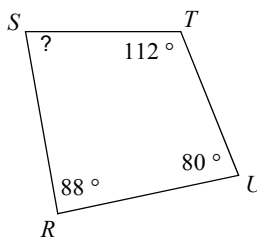
15)

regular

16)

not regular

17)

not regular

18)

regular

Find the measure of each angle indicated.

19)

E   F

H   ?   G

90°

20)

S   T
?   112°

88°   80°
R   U

80°