Unit 3 Lesson 3 – Angle Measures in Polygons

1.) In a pentagon, each of two angles has a measure of 68o. Each of the other two angles measures 142o. What is the measure of the remaining angle?

2.) In a quadrilateral, one angle measures 175o. A second angle measures 29o, while a third angle measures 54o. What is the measure of the remaining angle?

3.) In a right triangle, there is a 57o angle. What is the measure of the third angle?

4.) In a hexagon, each of three angles has a measure of 83o. Two of the other angles each have a measure of 150o. What is the measure of the remaining angle?

Find the missing angle in each figure below.

5.)



6.)



7.)



8.)



9.)



10.)

<A = <C = <D =

­­­

11.)

<G = <H = <L =



12.)

<P = <R = <T =



13.)

<A = <C = <F =



14.)

<H = <I = <K =

