

Geometry

Unit: Introduction to Geometry

Section: Rays and Angles

Review Worksheet

1. Define the following. When appropriate, in your definition, describe what notation is used to write it.

a. Ray

b. Angle

c. Acute Angle

d. Obtuse Angle

e. Right Angle

f. Straight Angle

g. Reflex Angle

h. Complimentary Angles

i. Supplementary Angles

j. Congruent Angles

2. Angle A and angle B are congruent. Angle A measures $5x + 12$ degrees and angle B measure $2x + 30$ degrees. Find the value of x .

3. Angle N and angle K are complimentary. Angle N measure 25 degrees and angle K measures $5x + 10$ degrees. Find the value of x .

4. Angle L and angle T are supplementary. Angle L measure $10x - 13$ degrees and angle T measures $40x - 7$ degrees. Find the value of x .

5. Describe the steps to construct an angle bisector.