

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Block: \_\_\_\_\_

**Geometry Semester Review - Chapter 1 Pt. 2**

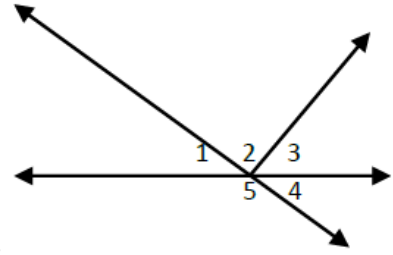
1. Name all pairs of supplementary angles.

2. Name all linear pairs.

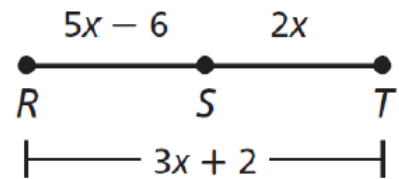
2. Name a pair of angles that are adjacent, but do not form a linear pair.

3. Name a pair of congruent angles, and tell why they are congruent.

4. Name a pair of non-adjacent angles.

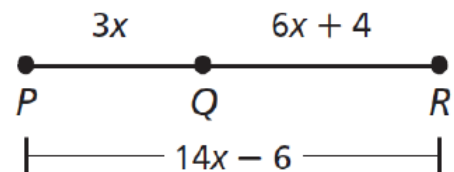


5. S is between R and T. Find RT.



6. Y is between X and Z.  $XY = 13.8$ , and  $XZ = 21.4$ . Find YZ.

7. Q is between P and R. Find PR.

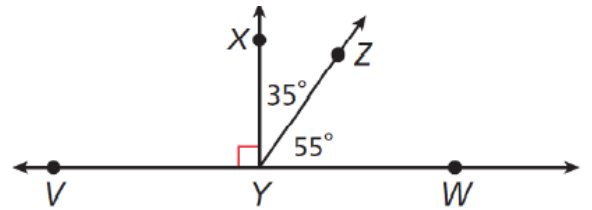


8. U is the Midpoint of TV,  $TU = 3X + 4$ , and  $UV = 5X - 2$ . Find TU, UV, and TV.

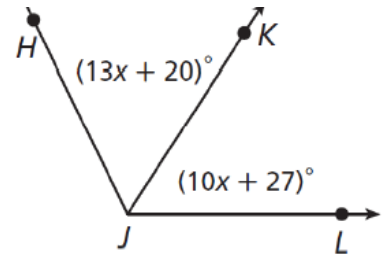
9. E is the midpoint of DF,  $DE = 9X$ , and  $EF = 4X + 10$ . Find DE, EF, and DF.

10. Classify each angle as acute, right, or obtuse.

- a.  $\angle XYW$       b.  $\angle ZYW$       c.  $\angle XYZ$

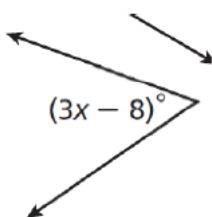


11. If  $m\angle HJL = 116^\circ$ , find the  $m\angle HJK$ .

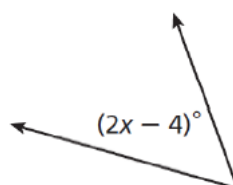


12.  $\overrightarrow{NP}$  bisects  $\angle MNQ$ ,  $m\angle MNP = (6x - 12)^\circ$ , and  $m\angle PNQ = (4x + 8)^\circ$ . Find  $m\angle MNQ$ .

13. Find the complement.



14. Find the Supplement



15. Find the complement.

