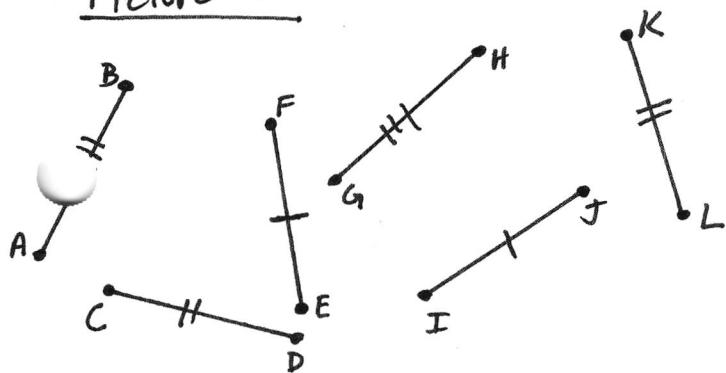
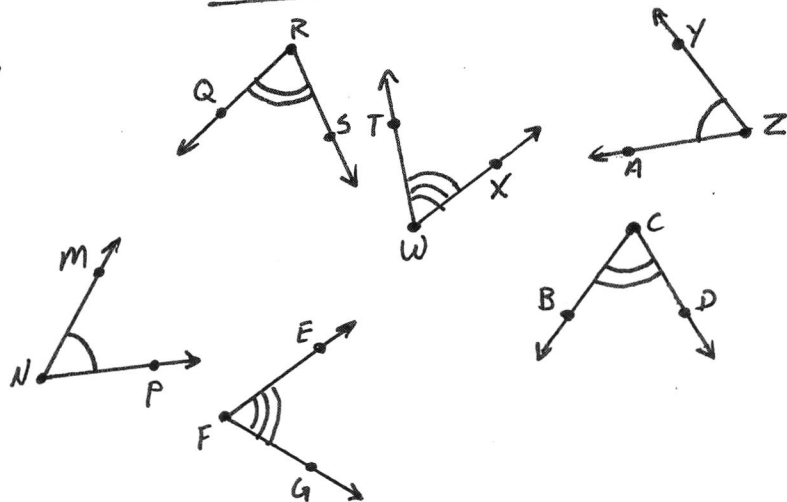


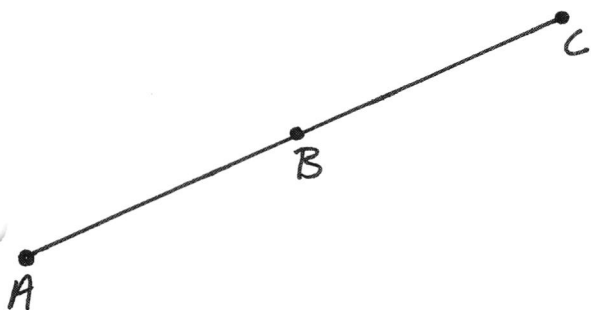
Picture #1



Picture #2

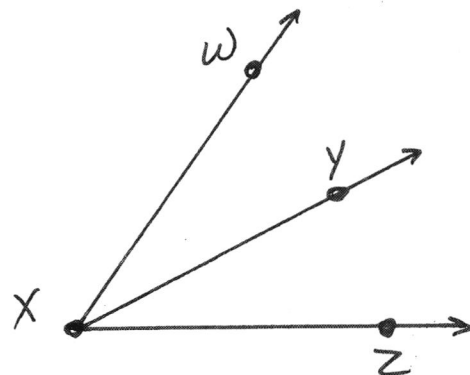


Picture #3



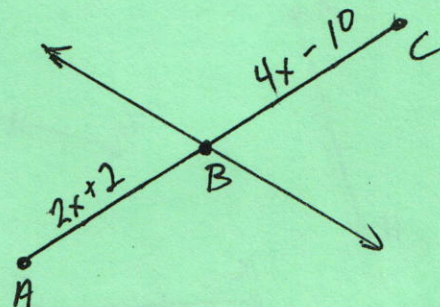
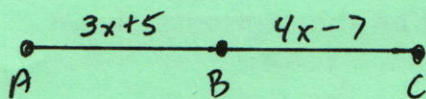
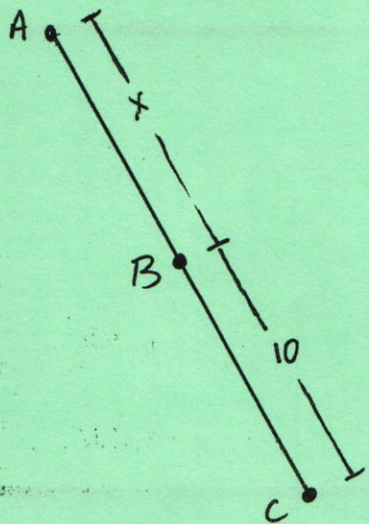
B is the midpoint of \overline{AC} .

Picture #4

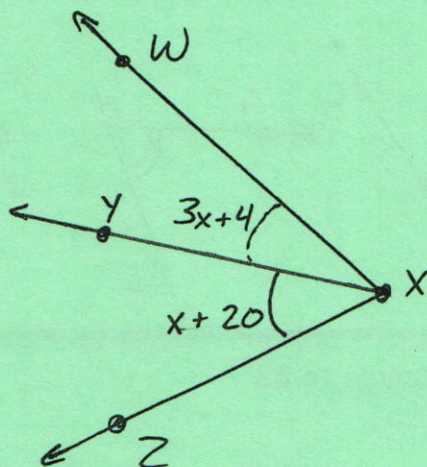
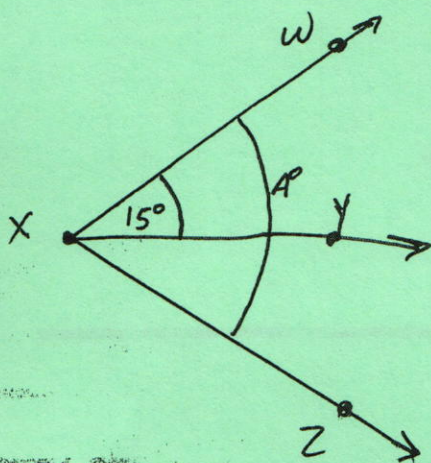


\overrightarrow{XY} bisects $\angle WXZ$.

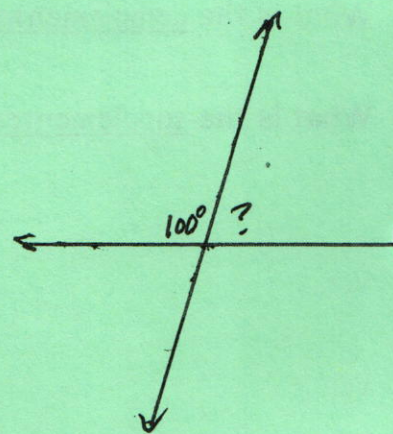
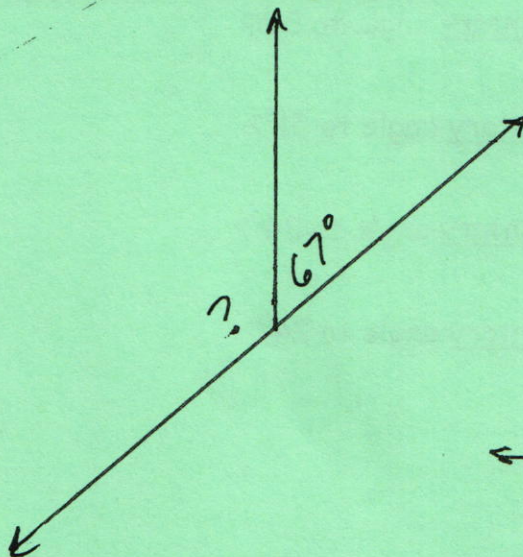
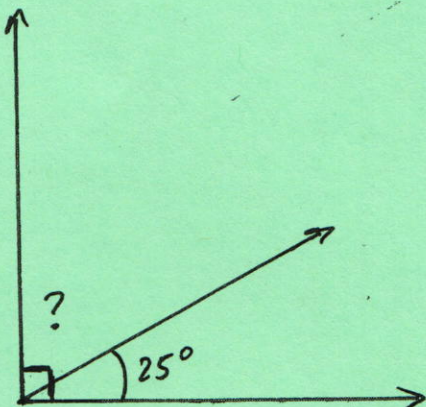
9. In each of the problems shown, B is the midpoint of segment \overline{AC} . Solve for X.



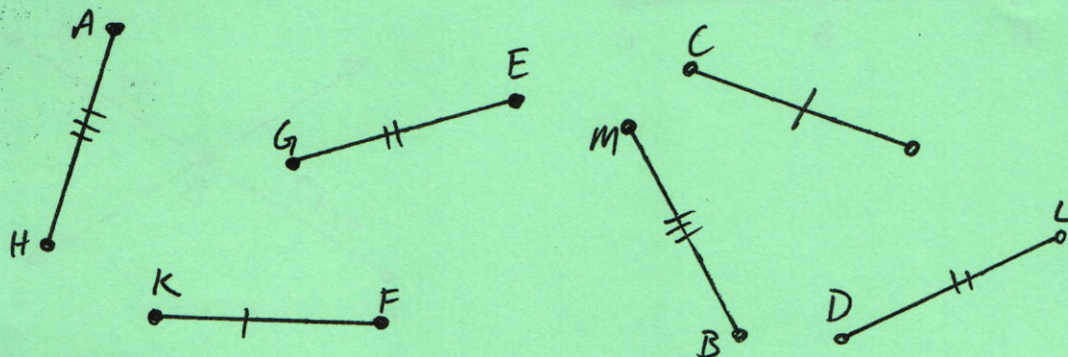
10. In each of the problems shown, \overline{XY} is the bisector of $\angle WXZ$. Solve for $\overset{A}{x}$.



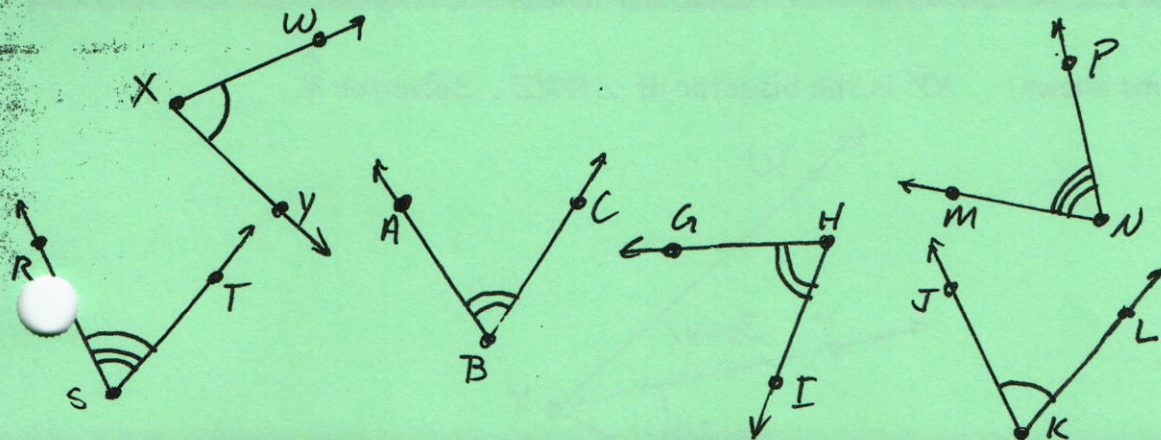
11. In each of the following, find the measure of the missing angle.



1. Write 3 congruency statements based on the segments shown.



2. Write 3 congruency statements based on the angles shown.



3. What is the complementary angle to 83° ?

4. What is the supplementary angle to 83° ?

5. What is the complementary angle to 51° ?

6. What is the supplementary angle to 51° ?

7. What is the complementary angle to 24° ?

8. What is the supplementary angle to 24° ?

9. What is the _____?