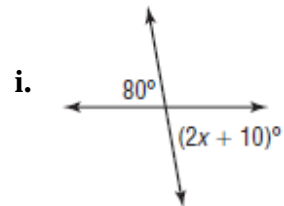
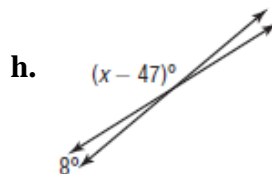
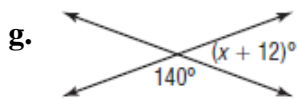
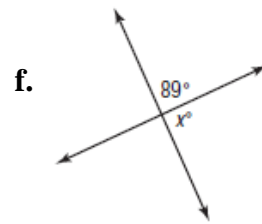
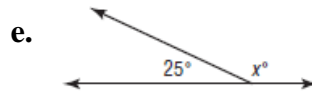
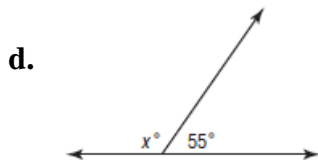
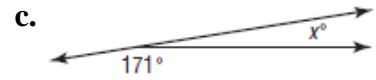
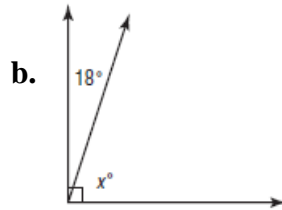
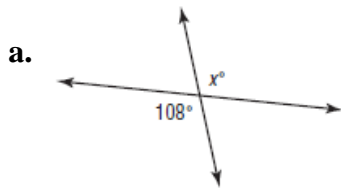


6-1 Skills Practice:***Line & Angle Relationships; Logical Reasoning*****Math8****1. Find the value of x in each figure.**

2. Find $m\angle J$ if $m\angle K = 29^\circ$ and $\angle J$ and $\angle K$ are supplementary.

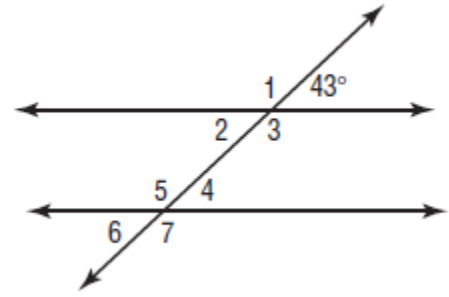
3. Angles G and H are complementary. If $m\angle G = 3x + 6$ and $m\angle H = 2x - 11$, what is the measure of each angle?

4. Find the measures of each angle if A and B are complementary, $m\angle A = 3x - 8$ and $m\angle B = 5x + 10$.

5. Angles Q and R are supplementary. If $m\angle Q = 4x + 9$ and $m\angle R = 8x + 3$, what is the measure of each angle?

6. Use the figure at the right to answer the following.

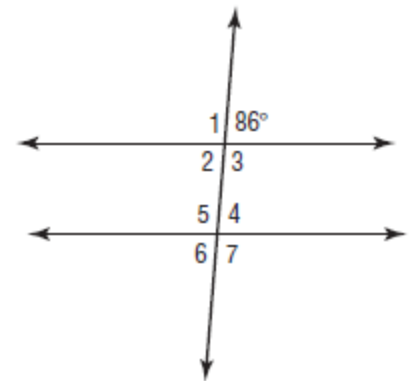
a. Find the measure of angle 2. Explain your reasoning.



b. Find the measure of angle 6. Explain your reasoning.

7. Use the figure at the right to answer the following.

a. Find the measure of angle 2. Explain your reasoning.



b. Find the measure of angle 3. Explain your reasoning.

c. Find the measure of angle 4. Explain your reasoning.

d. Find the measure of angle 6. Explain your reasoning.

8. The measures of angles A and B are equal and complementary. What is the measure of each angle?