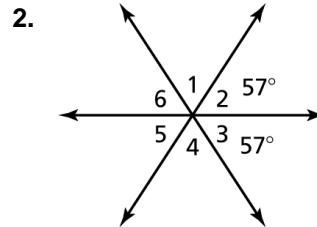
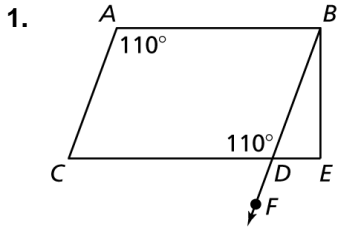


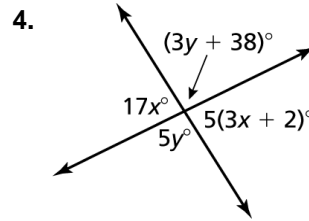
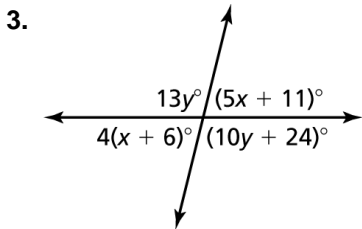
2.6

Practice A

In Exercises 1 and 2, identify the pairs of congruent angles in the figures. Explain how you know they are congruent.



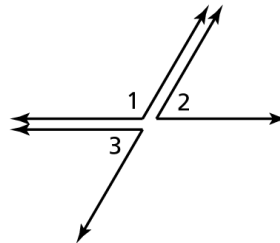
In Exercises 3 and 4, find the values of x and y .



5. Copy and complete the two-column proof. Then write a paragraph proof.

Given: $\angle 1$ and $\angle 2$ are supplementary.
 $\angle 1$ and $\angle 3$ are supplementary.

Prove: $\angle 2 \cong \angle 3$



STATEMENTS	REASONS
1. $\angle 1$ and $\angle 2$ are supplementary. $\angle 1$ and $\angle 3$ are supplementary.	1. Given
2. $m\angle 1 + m\angle 2 = 180^\circ$ $m\angle 1 + m\angle 3 = 180^\circ$	2. _____
3. _____	3. Transitive Property
4. $m\angle 2 = m\angle 3$	4. _____
5. _____	5. Definition of congruent angles

