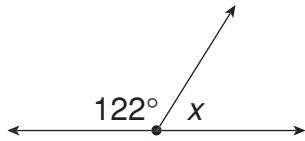


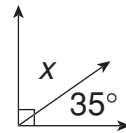
LESSON
9-4 **Practice C**
Finding Angle Measures

Classify each pair of angles as complementary or supplementary. Then find the missing angle measure.

1.



2.



Find each unknown angle measure.

3. $\angle 1$ and $\angle 2$ are vertical angles.
 $\angle 1$ measures 48° .

4. $\angle 3$ and $\angle 4$ are supplementary angles. $\angle 4$ measures 117° .

5. $\angle 7$ and $\angle 8$ are complementary angles. $\angle 7$ measures 23° .

6. $\angle 5$ and $\angle 6$ are congruent angles. $\angle 6$ measures 12.5° .

7. Angles L and M are complementary. If $m\angle L$ is 16° , what is $m\angle M$?

8. Angles R and S are supplementary. If $m\angle R$ is 78° , what is $m\angle S$?

9. If $\angle 1$ and $\angle 2$ are supplementary angles, and $\angle 3$ and $\angle 2$ are supplementary angles, what do you know about $\angle 1$ and $\angle 3$? Explain.

10. Two angles are complementary. One angle is 20° smaller than the other angle. What are the measures of both angles?
