Angles Between Intersecting Lines

Solve for x. Show your work.

1. Two lines intersect. One angle is 81°. Find an adjacent angle.

2. Two lines intersect. One angle is 48°. Find an adjacent angle.

3. Two lines intersect. One angle is 79°. Find an adjacent angle.

4. Two lines intersect. One angle is 84°. Find an adjacent angle.

5. Two lines intersect. One angle is 49°. Find an adjacent angle.

6. Two lines intersect. One angle is 44°. Find an adjacent angle.

7. Two lines intersect. One angle is 85°. Find an adjacent angle.

8. Two lines intersect. One angle is 60°. Find an adjacent angle.

Angles Between Intersecting Lines – Answer Key

1. Two lines intersect. One angle is 81°. Find an adjacent angle.

   99°

2. Two lines intersect. One angle is 48°. Find an adjacent angle.

   132°

3. Two lines intersect. One angle is 79°. Find an adjacent angle.

   101°

4. Two lines intersect. One angle is 84°. Find an adjacent angle.

   96°

5. Two lines intersect. One angle is 49°. Find an adjacent angle.

   131°

6. Two lines intersect. One angle is 44°. Find an adjacent angle.

   136°

7. Two lines intersect. One angle is 85°. Find an adjacent angle.

   95°

8. Two lines intersect. One angle is 60°. Find an adjacent angle.

   120°