Angles in Triangles

Find the measure of the unknown angle in each of the triangles.

1. If m∠1 = 40° and m∠2 = 80°, what is m∠3?

2. If m∠1 = 50° and m∠2 = 75°, what is m∠3?

3. If m∠1 = 50° and m∠2 = 80°, what is m∠3?

4. If the complement of ∠1 is 80° and m∠2 = 80°, what is m∠3?

5. If the supplement of ∠2 is 110° and the complement of ∠3 is 60°, what is m∠1?

6. If the supplement of ∠1 is 80° and m∠2 = 70°, what is m∠3?

7. If the supplement of ∠1 = 40° and m∠2 = 30°, what is m∠3?

8. If the complement of ∠1 = 60° and m∠2 = 80°, what is m∠3?

9. If m∠1 = 80° and the complement of m∠2 = 70°, what is m∠3?

10. If the supplement of ∠2 is 70° and m∠3 = 30°, what is m∠1?