Consecutive Integer and Other Word Problems

Consecutive Integer Problems

1. Find two consecutive integers whose sum is 117.

2. Find two consecutive even integers whose sum is 94.

3. Find three consecutive integers whose sum is 54.

4. Find three consecutive integers whose sum is 105.

5. Find four consecutive integers whose sum is 74.

6. Find two consecutive even integers whose sum is 30.

7. Find three consecutive even integers whose sum is -312.

8. Find three consecutive odd integers whose sum is -219.

9. The sum of three consecutive integers is 33 more than the least of the integers. Find the integers.

10. The sum of three consecutive integers is 47 less than the least of the integers. Find the integers.

11. The sum of four consecutive even integers equals seven times the greatest of the integers. Find the integers.

12. The sum of four consecutive odd integers is three more than five times the least of the integers. Find the integers.

Geometry Problems
Complementary angles are two angles whose sum is 90 degrees.
Supplementary angles are two angles whose sum is 180 degrees.
The three angles in a triangle have a sum of 180 degrees.

13. If the measure of one of two complementary angles is 12 less than twice the measure of the other, find the measure of each angle.

14. If the measure of one of two complementary angles is 22 more than three times the measure of the other, find the measure of each angle.

15. If the measure of one of two complementary angles is three more than twice the measure of the other, find the measure of each angle.