Consecutive Integer Word Problems

1. One number is nine less than another. Their sum is negative twenty-seven. Find the numbers.

2. One number is two more than four times another. Their sum is negative thirteen. Find the numbers.

3. The sum of two consecutive integers is −135. Find the numbers.

4. Find three consecutive even integers whose sum is 234.

5. Find three consecutive odd integers whose sum is 51.

Key

1. -9 and -18
2. -3 and -10
3. -63 and -62
4. 76, 78, and 80
5. 15, 17, and 19