Solve the following word problems:

6. The product of two consecutive integers is three less than three times their sum. Find the integers.

7. The product of two consecutive even integers is 6 more than three times their sum. Find the integers.

8. The product of two consecutive odd integers is 77 more than twice the larger. Find the integers.

9. The product of two consecutive integers is 5 more than three times the larger. Find the integers.

10. Find three consecutive integers such that four times the sum of all three is 2 times the product of the larger two.