1) The sum of 4 consecutive integers is -246. Find the 4 integers.

2) Find 5 consecutive odd integers such that the sum of the 2nd and 5th is 268.

3) Find 6 consecutive negative even integers such that the product of the 3rd and 6th integers is 520.

4) Find 5 consecutive even integers such that 4 times the 4th is 88 more than the sum of the 1st and the 3rd.

5) Find 5 consecutive integers such that the sum of the 4th and the 5th is 86 less than triple the 3rd.

6) Find 6 consecutive positive integers such that the product of the 2nd and 4th integers is 399.

7) The difference between two numbers is 47. The smaller number is 9 more than ½ the larger. Find both numbers.

8) The sum of two numbers is 196. The larger number is 14 less than quadruple the smaller. Find both numbers.

9) Four numbers have a sum of 488. The 2nd number is 3 more than half the first. The 3rd number is 7 less than double the first. The 4th number is 11 more than triple the first. Find all four numbers.

10) The difference of 2 numbers is 59. The smaller number is 6 less than half the larger number. Find both numbers.

11) Three-fifths of a number is equal to 22 less than that same number. Find the number.

12) Triple a number is equal to that same number increased by 34. Find the number.

Answer Key:

1) -63,-62,-61,and -60
2) 129,131,133,135,and 137
3) -30,-28,-26,-24,-22, and -20
4) 33,35,37,39, and 41
5) 87,88,89,90,91
6) 18,19,20,21,and 22
7) 112 and 65
8) 42,154
9) 74,40,141,and 233
10) 106 and 47
11) 55
12) 17

Remember, all answers must be stated in a sentence.