

TOPIC: SOLVING CONSECUTIVE INTEGER PROBLEMS

Consecutive Integers	Consecutive Even Integers	Consecutive Odd Integers

1. Find two consecutive integers whose sum is 95.
2. Find four consecutive even integers whose sum is 60.
3. Find three consecutive odd integers whose sum is -27.
4. Find three consecutive even integers such that 4 times the first decreased by the second is 12 more than twice the third.

Name _____

Date _____

Homework - Consecutive Integers

Algebra

Solve Algebraically. Show all work.

1. Find three consecutive even integers such that the sum of the first and third is equal to -56.
2. Find three consecutive integers such that the sum of the smallest and twice the second is 20 more than the third.
3. Find three consecutive even integers such that twice the third increased by 32 is the same as three times the first.
4. Find three consecutive odd integers whose sum is 147.
5. Find three consecutive integers such that the sum of the first two integers is 24 more than the third.