

(3-3) Consecutive Integers

Consecutive Integers: 3, 4, 5,

if unknown: $x, x + 1, x + 2$

Consecutive Even or Odd integers: -5, -3, -1, ... or 2, 4, 6,

if unknown: $x, x + 2, x + 4$

1. Four consecutive integers have a sum of 138. Find the integers.
2. The sum of three consecutive even integers is -318. Find all three integers.
3. The sum of two consecutive even integers is 30. Find the integers.
4. Suppose a dealer sells cars and trucks. In the past month the dealer sold 12 more cars than trucks. If the dealer sold 48 vehicles, how many of each did the dealer sell?

5. Find two consecutive integers such that the sum of the first and 2 times the second is 32.

6. Four runners in a race had consecutive times. If the sum of their times was 126 seconds, find the time it took each runner to finish the race.

8. The total of the lowest three consecutive scores on the Problem-Solving Test was 141. What were the lowest three scores on this test?