NAME _____ Consecutive INTEGERS

#1

How many and Count by (1) (consecutive)
(2) (consecutive even) (consecutive odd

COUNT BY (1)

use X 1st
X+1 2nd
X+2 3rd
↓

Count by (2)

use X 1st
X+2 2nd
X+4 3rd
↓

For each question, set the terms only: (no equation no solving)

1) Find three consecutive positive odd integers such that twice the sum of the second and the third is 2 less than six times the first.

2) If the sum of two consecutive integers is 13, find the *smaller* integer.

3) Find three consecutive even integers whose sum is -60.

4) The sum of four consecutive numbers is 38. What is the product of these numbers?

QUESTIONS 5, 6 + 7 Write terms + equation: DO NOT SOLVE

5) Find three consecutive integers so that the sum of the first and third integers is 38.

6) If the sum of three consecutive even integers is 78, find the integers.

7) Find three consecutive integers whose sum is 300.

QUESTIONS 8 + 9 LETS DO TOGETHER

* 8) Find three consecutive integers so that three times the middle integer is five more than the sum of the first and third.

* 9) Find four consecutive odd integers so that the sum of the first three integers exceeds the fourth by 18.

Complete algebraically question #10

- TERMS
- EQUATION
- SOLVE

10) Three times the smallest of three consecutive even integers is six more than twice the largest. Find the integers.