

NAME

#3

WORKSHEET
CONSECUTIVE
(SUCH THAT)

FOR EACH QUESTION, DEFINE VARIABLES, WRITE EQUATION + SOLVE

(A)

Find three consecutive odd integers such that the sum of the first and twice the second is 6 more than the third.

(B)

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.

(C)

Find three consecutive even integers such that the sum of the smallest and twice the second is 12 more than the third.

(D)

Find two consecutive even integers such that 4 times the lesser is 8 more than 3 times the greater.