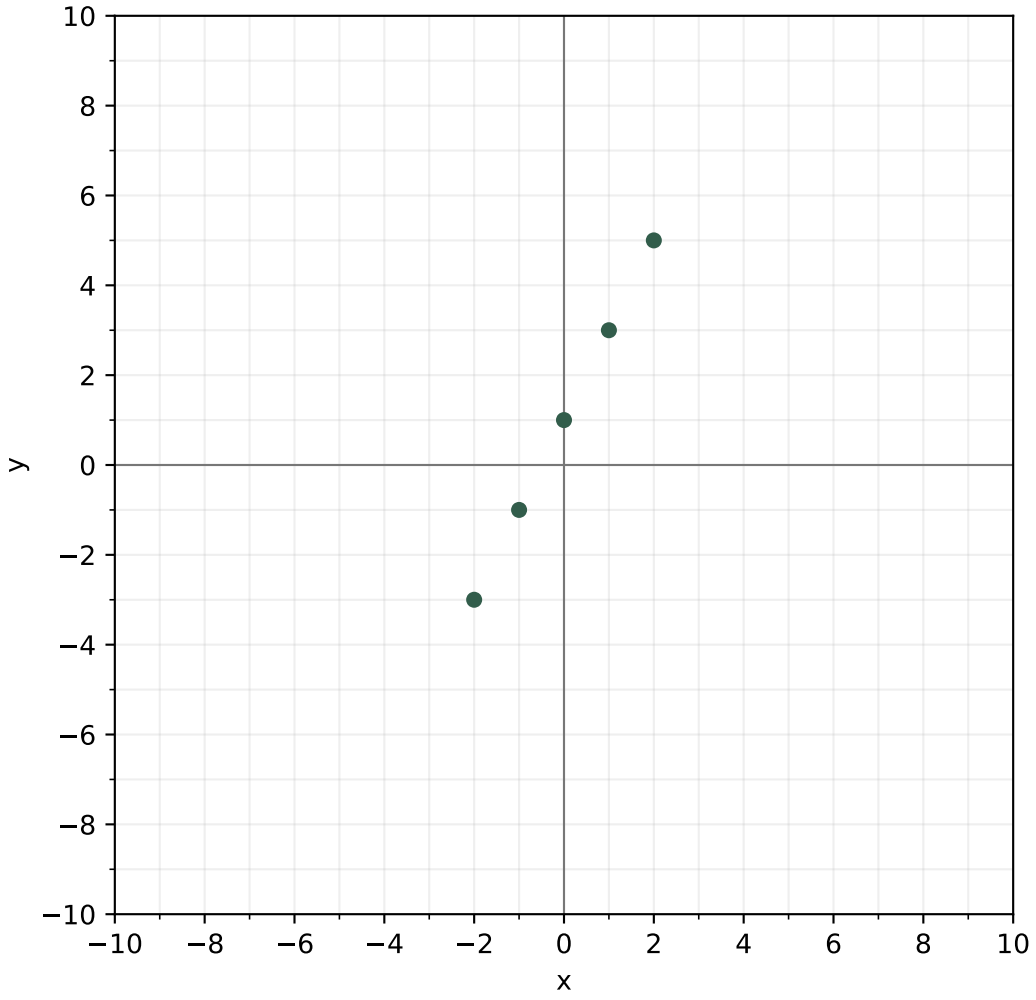
Input-Output Tables and Graphs

ANSWER / CASE 1

Complete the table for y = 2x + (1) at x=-2,-1,0,1,2, then plot the pairs. Treat the table as five sampled points.

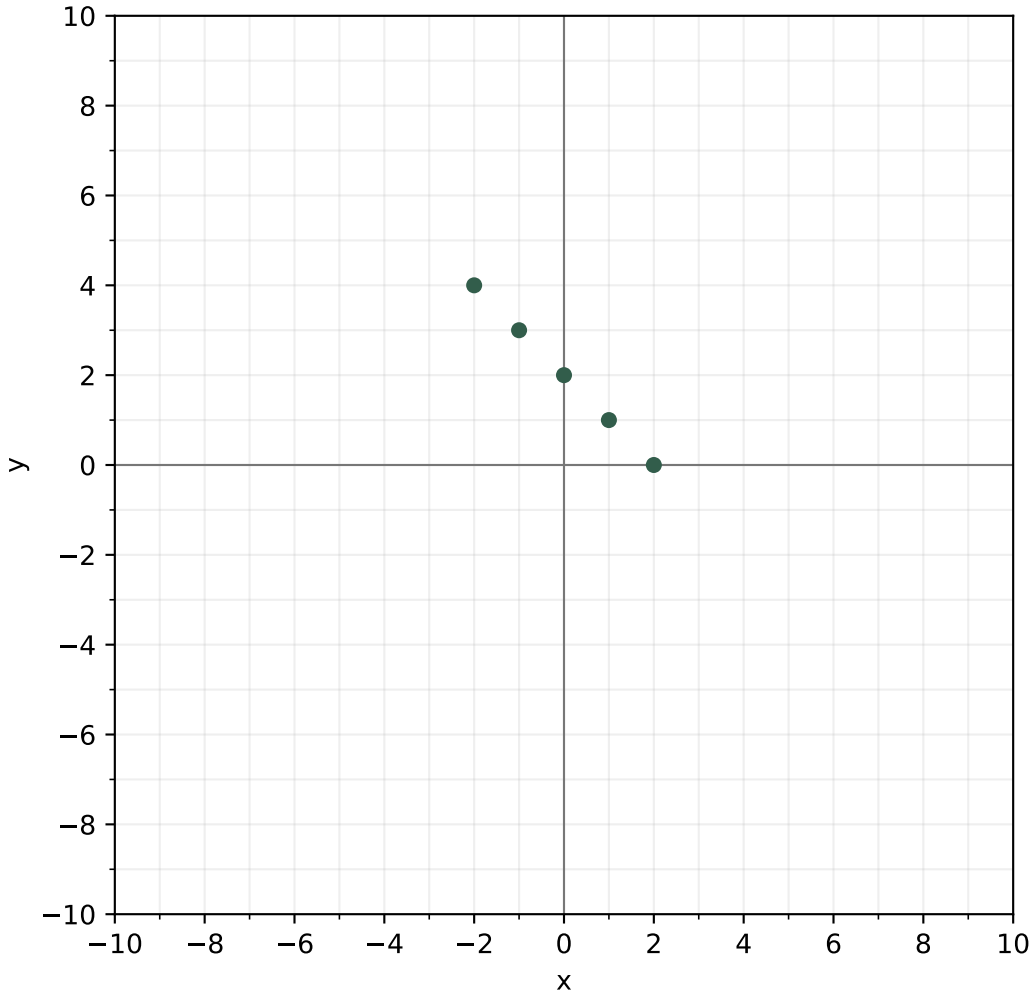


Ordered pairs: [[-2, -3], [-1, -1], [0, 1], [1, 3], [2, 5]].
1. Multiply each input by 2, then add 1.
2. Record output y alongside input x before plotting (x,y).

Input-Output Tables and Graphs

ANSWER / CASE 2

Complete the table for y = -1x + (2) at x=-2,-1,0,1,2, then plot the pairs. Treat the table as five sampled points.

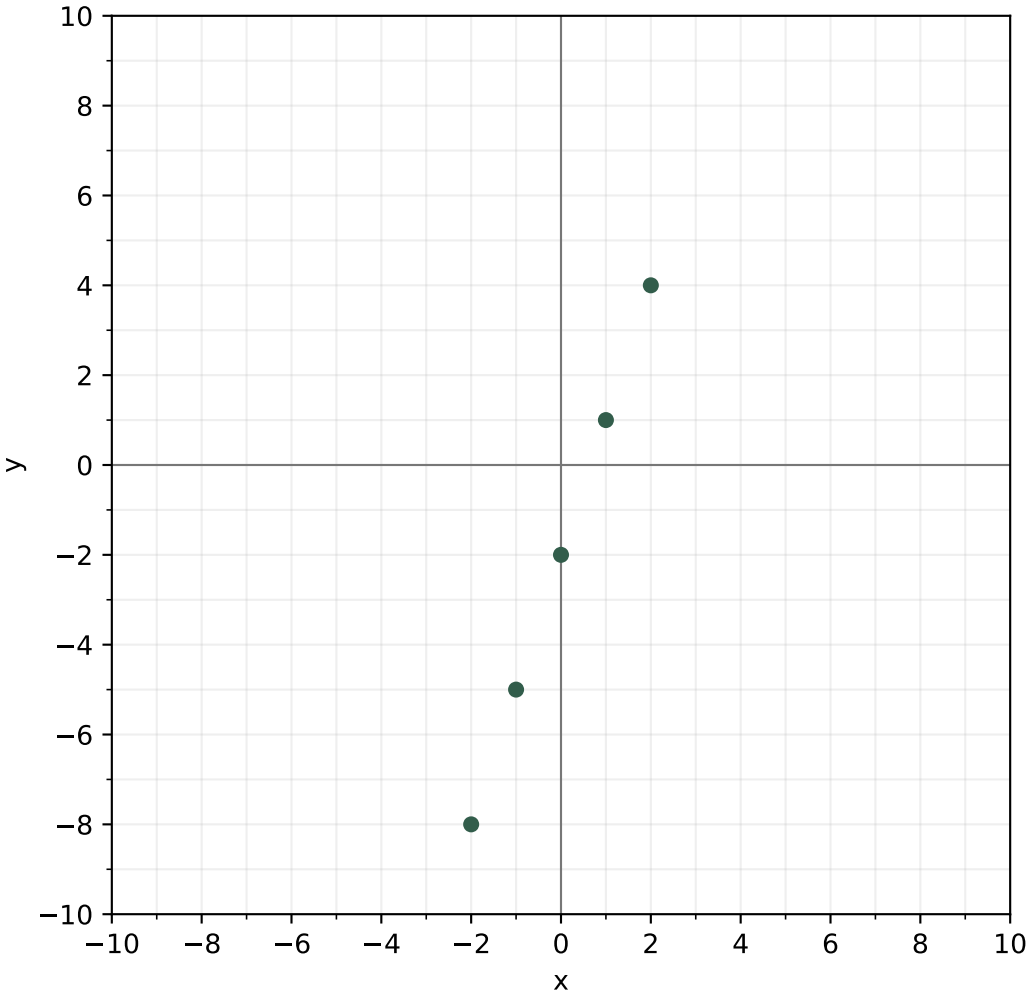


Ordered pairs: [[-2, 4], [-1, 3], [0, 2], [1, 1], [2, 0]].
1. Multiply each input by -1, then add 2.
2. Record output y alongside input x before plotting (x,y).

Input-Output Tables and Graphs

ANSWER / CASE 3

Complete the table for y = 3x + (-2) at x=-2,-1,0,1,2, then plot the pairs. Treat the table as five sampled points.

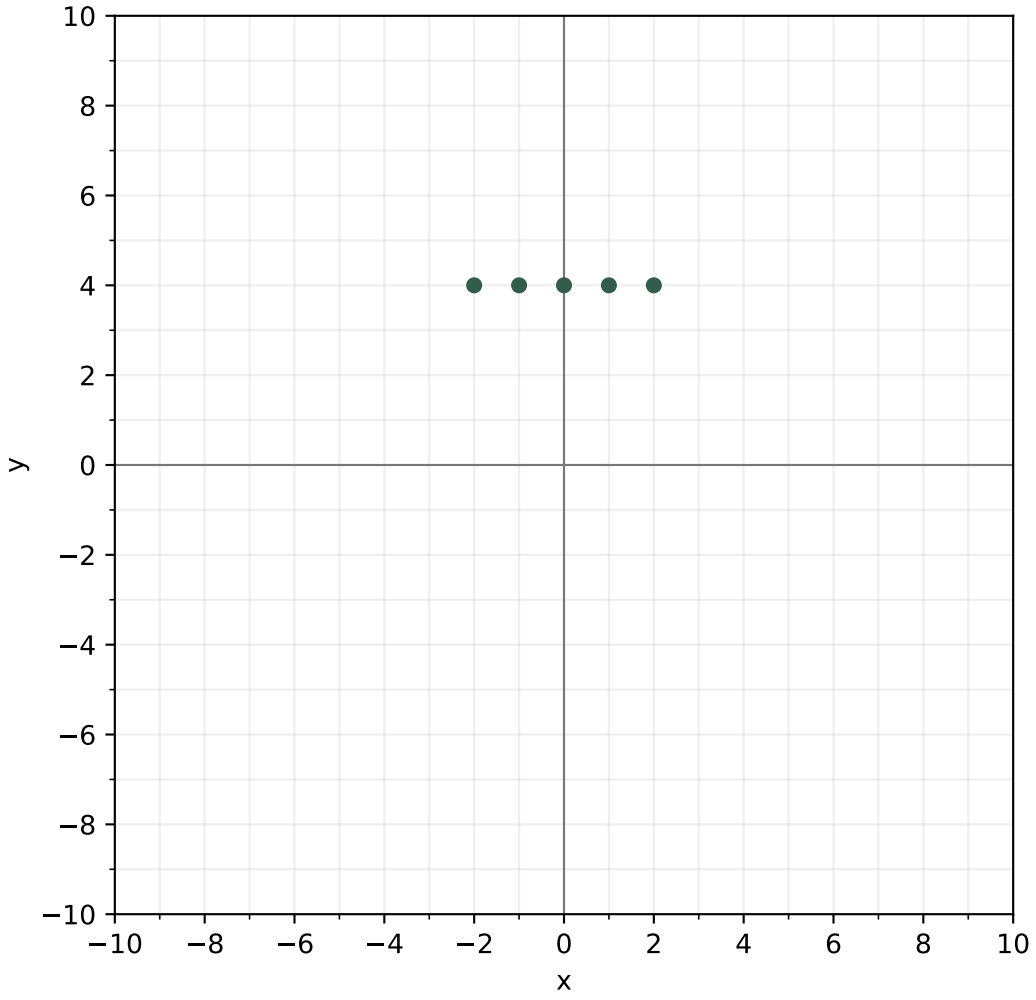


Ordered pairs: [[-2, -8], [-1, -5], [0, -2], [1, 1], [2, 4]].
1. Multiply each input by 3, then add -2.
2. Record output y alongside input x before plotting (x,y).

Input-Output Tables and Graphs

ANSWER / CASE 4

Complete the table for y = 0x + (4) at x=-2,-1,0,1,2, then plot the pairs. Treat the table as five sampled points.



Ordered pairs: [[-2, 4], [-1, 4], [0, 4], [1, 4], [2, 4]].
1. Multiply each input by 0, then add 4.
2. Record output y alongside input x before plotting (x,y).