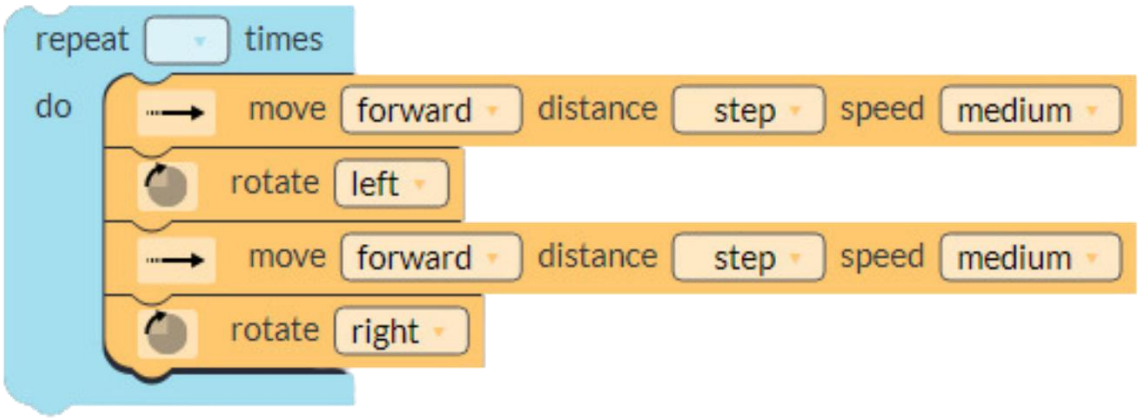
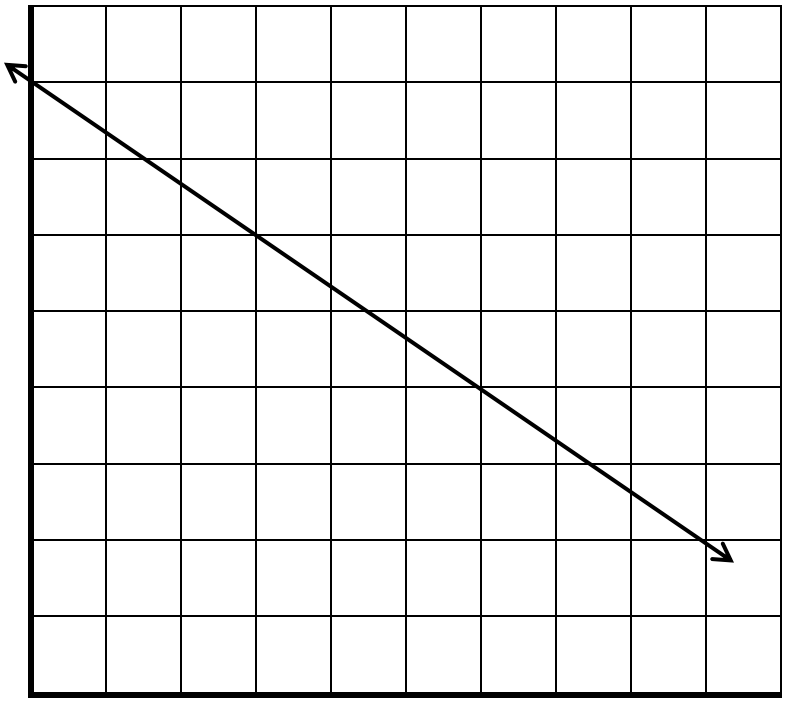
Slope Seeker

Step 1: Use the provided information to identify the slope and graph the line.

Step 2: Place your Ozobot in the bottom left of your line facing the top of the paper. Program your Ozobot to follow your slope using these example blocks- make sure to fill in the right information. Then, run Ozobot to check your work!





1. Use the graph

Complete the function table

Input X	0	3	6
Output Y			

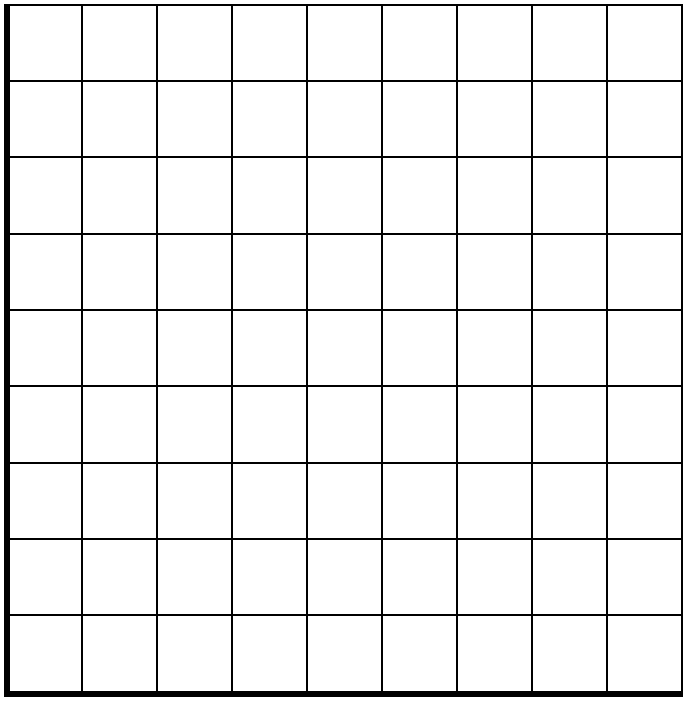
Use the table to write the ordered pairs

(___, ___) (___, ___)

(___, ___)

Graph the line

What is the slope? _____



2. y= 2x +1

Complete the function table

Input X	0	1	2	3
Output Y				

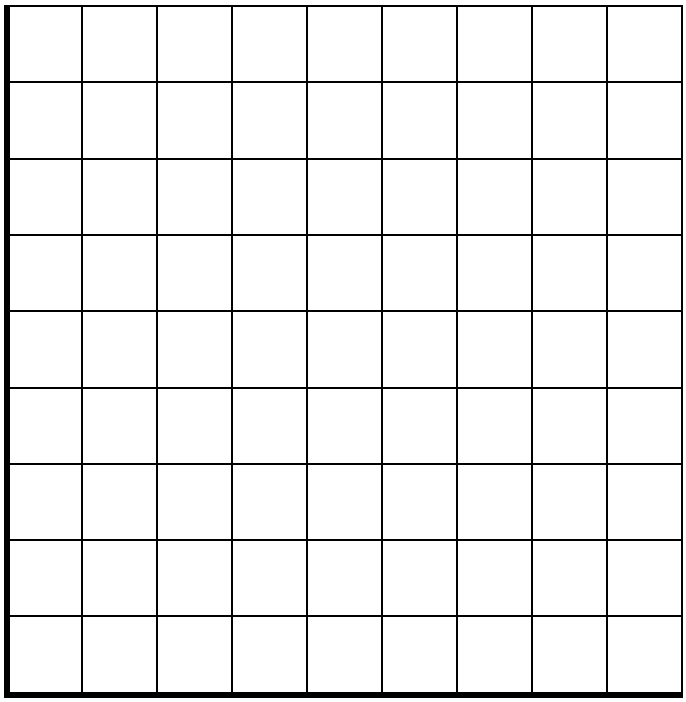
Use the table to write the ordered pairs

(___, ___) (___, ___)

(___, ___) (___, ___)

Graph the line

What is the slope? _____



3. Use this table

Input X	0	3	6	9
Output Y	4	5	6	7

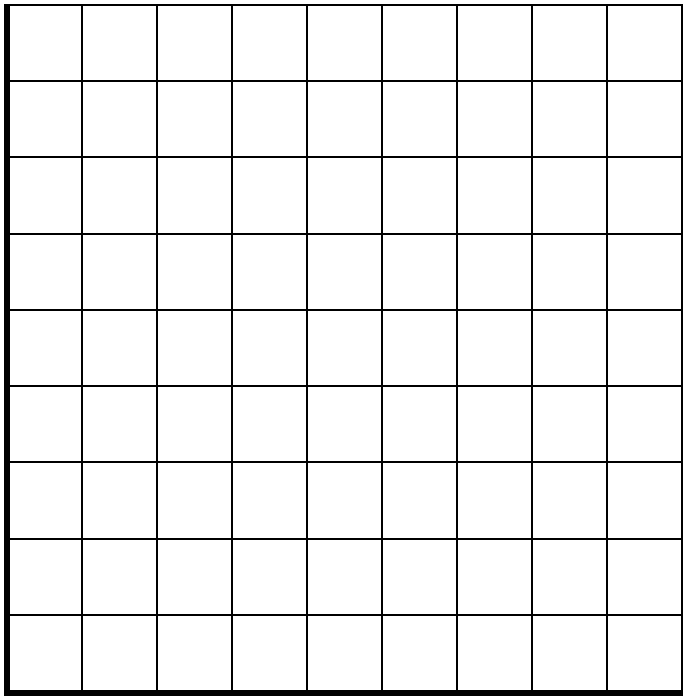
Write the ordered pairs

(___, ___) (___, ___)

(___, ___) (___, ___)

Graph the line

What is the slope? _____



4. Use the ordered pairs

(1, 8) (2, 6)

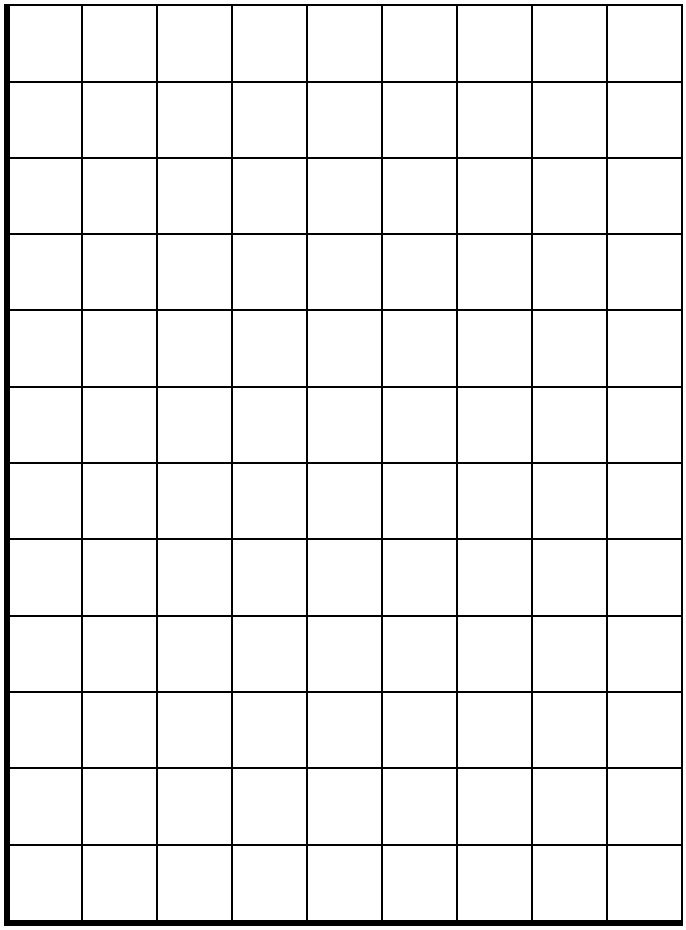
(3, 4) (4, 2)

Complete the function table

Input X				
Output Y				

Graph the line

What is the slope? _____



5. You go to Shoofly and order an ice cream cone. The cone costs $3. Each scoop of ice cream is $3.

Complete the function table

Input X	0	1	2	3
Output Y				

Use the table to write the ordered pairs

(____, ____) (____, ____)

(____, ____) (____, ____)

Graph the line

What is the slope? _____