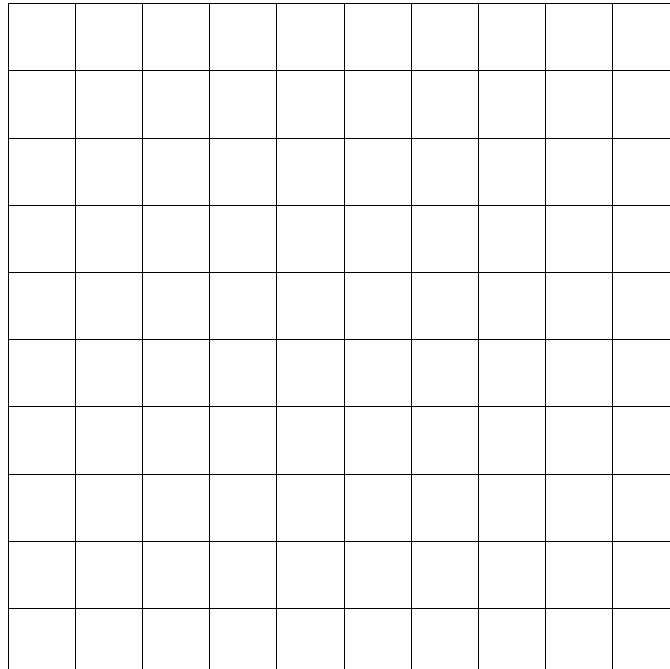


1. Graph the equation  $y = -2x + 1$ . Start by making a table of 5 solutions:

x	$y = -2x + 1$	(x,y)
-2		
-1		
0		
1		
2		

Plot your 5 points (solutions) on the graph below and connect them using a straightedge. Label your axes and scale.



2. In 1960, the average number of pounds of fish eaten in the U.S. was 10 pounds. This increased by approximately 0.15 pounds per year through 2005. This can be described by the mathematical model  $F = 0.15n + 10$ , where  $F$  is the per capita fish consumption  $n$  years after 1960.

Make a table of values using the given values for  $n$ .

year	$n$	$F = 0.15n + 10$	$(n,F)$
	0		
	10		
	20		
	30		
	40		

Choose an appropriate scale for the horizontal and vertical axis and label your axes and scale. Plot your 5 points (solutions) on the graph below and connect them using a straightedge.

