| **Topic:** | **Name**:_____ |
| | **Date**:_____**Pd**_____ |

EQ:

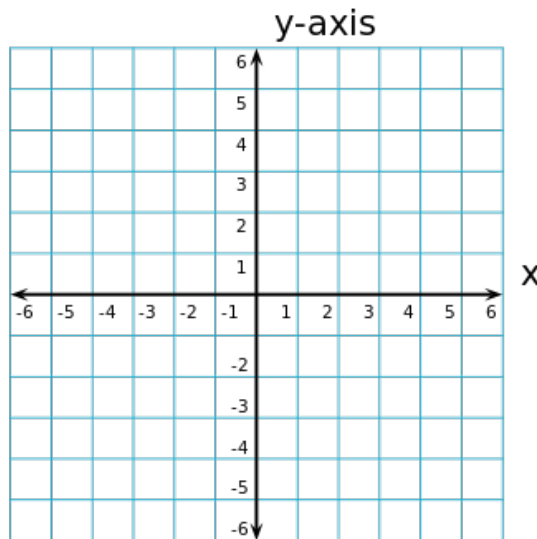| **Questions/Key Ideas**	**Notes**
How can we use SLOPE and Y-INT to make the equation for a line?	$$y = mx + b$$
How do you graph $y = mx + b$?	• _____ with _____ • _____ with _____
How do you use the slope to graph?	1. Plot the _____ 2. Beginning from the _____, use _____ to find the next point <table><tr><td></td><td>**Positive**</td><td>**Negative**</td></tr><tr><td>**RISE**</td><td></td><td></td></tr><tr><td>**RUN**</td><td></td><td></td></tr></table>

Graph the function
y = - ½ x - 1

y-axis

					6						
					5						
					4						
					3						
					2						
					1						
-6	-5	-4	-3	-2	-1	1	2	3	4	5	6
					-2						
					-3						
					-4						
					-5						
					-6						

X

y = - ½ x – 1

y-intercept (b):

slope (m):

Summary: