Do Now

Pick 2 points from the table below and find the slope **using the slope formula **

X	у	M= 22-71 - x1 21
-4	-5	X2-X*
-2	-2	^2 × /
0	1	=7-4 >
2	4	7-7-3
4	7	7-2 2
		- 4-7 -3 -
		7-4-13-3
		~ 1 -2 2

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Homework Answers

- 1) m = $\frac{1}{3}$
- 2) m = -4
- 3) m = $\frac{-3}{4}$
- 4) m = -2
- 5) m = $\frac{-1}{3}$



Slope Formula

slope (m) =
$$\frac{y_2 - y_1}{x_2 - x_1} \longrightarrow \text{always y minus y}$$

$$\begin{cases} x_2 - x_1 & \text{always x minus x} \\ x_2 & \text{always x minus x} \end{cases}$$

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