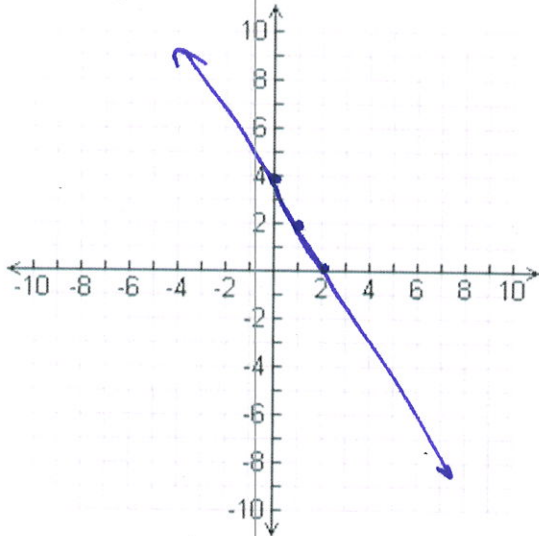


Instructions: Show all work. Use exact answers, unless specifically asked to round.

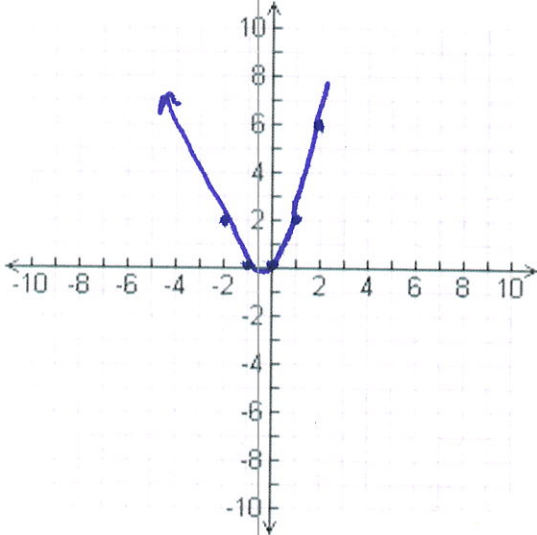
1. Draw the equations on the graphs below.

a. $y = -2x + 4$



x	y
0	4
1	2
2	0

b. $y = x^2 + x$



x	y
0	0
-1	0
1	2
2	6
-2	2

2. Is the scatterplot shown to the right linear or nonlinear?

linear

3. Find the slope ~~pe~~ between the points (3, -4) and (-2, 6).

$$\frac{6 - (-4)}{-2 - 3} = \frac{10}{-5} = -2$$

