Section 9.3 Extra Practice

- **1.** Consider the linear equation y = 3x 1.
 - **a)** Make a table of values using x = -2, -1, 0, 1, 2.
 - **b)** Graph the ordered pairs from the table.
 - **c)** Use the equation to calculate y when x = 4.
 - **d)** For the point (x, -10), what is the value of x?
- **2.** The graph below represents part of the linear relation $y = \frac{x}{-2}$.



- **a)** Use the graph to estimate y when x = -1.
- **b)** Use the equation to calculate y when x = 16.
- c) For the point (x, 3.5), estimate the value of x from the graph.
- **3.** a) Graph the ordered pairs from the table of values.

x	0	1	2	3	4
y	0	1	4	9	16

b) Is this a linear relation? Use two different ways to explain your answer.

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