4.4 Matching Equations & Graphs

Jumpstart Your Thinking

Match each equation with a graph on this grid.

**a)***y* = – 1

**b)** 0 = –*x* + 1

**c)** 2 = 2*x* – 3

Let’s Look at the Math

1. Match each equation with a graph on this grid.

Use the equation to determine the coordinates

of 3 points

**a)** *y* = 2*x* – 1

x=0

x= -1

x= 2

**b)** *y* = –*x* + 4 **c)** *y* = 3*x* – 3

x=0 x=0

x= -1 x= -1

x= 2 x = 2

2. Which equation describes this graph?

Pick two points on the graph and check to see which equation it satisfies.

**a)** *y* = *x* – 2

**b)** *y* = –*x* + 2

**c)** *y* = *x* + 2