4.4 Practice – Matching Equations and Graphs

\*Note: You must show how you made your decisions to prove you didn't just copy the answers!

**1.** Match each equation with a graph on the grid. Show your work or thought process.

**a)** *y* = 2*x* – 1 **b)** *y* = –*x* + 4 **c)** *y* = 3*x* – 3



**2.** Match each equation with a graph on the grid. Show your work or thought process.

**a)***x* = 1 **b)** *y* = – 1 **c)** *x* = 2.5



**3.** Match each equation with a graph on the grid. Show your work or thought process.

**a)** *x* + *y* = 5 **b)** *x* – *y* = 5 **c)** *x* + *y* = –5



**4.** Which equation describes this graph? Show your work or thought process.

**a)** *y* = *x* + 2 **b)** *y* = –*x* + 2 **c)** *y* = *x* – 2



**5.** Which equation describes this graph? Show your work or thought process.

**a)** *x* – *y* = 4 **b)** *x* – 4*y* = 4 **c)** 4*x* – *y* = 1



4.4 Practice – Answers

**1. a)** Graph C **b)** Graph A **c)** Graph B

**2. a)** Graph A **b)** Graph C **c)** Graph B

**3. a)** Graph C **b)** Graph B **c)** Graph A

**4.** *y* = *x* + 2

**5.** *x* – 4*y* = 4