Name $\qquad$ Date $\qquad$

## Master $4.23 \quad$ Extra Practice 4

## Lesson 4.4: Matching Equations and Graphs

1. Match each equation with a graph on this grid.
a) $y=2 x-1$
b) $y=-x+4$
c) $y=3 x-3$

2. Match each equation with a graph on this grid.
a) $y=-1$
b) $0=-x+1$
c) $2=2 x-3$

|  | 2 | $y^{\prime}$ | A | B |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  | $x$ |
| C | 0 |  |  |  |  |  |
|  | -2 |  |  |  |  |  |

3. Match each equation with a graph on this grid. Justify your answers.
a) $x+y=5$
b) $x-y=5$
c) $x+y=-5$

4. Which equation describes this graph? Justify your answers.
a) $y=x+2$
b) $y=-x+2$
c) $y=x-2$

5. Which equation describes this graph? Justify your answers.
a) $x-y=4$
b) $x-4 y=4$
c) $4 x-y=1$

|  |  | 2 | $y$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| -4 | -2 | 0 |  |  |  |
|  |  |  |  |  | 4 |

