

## QUIZ#01 MATH 022 SECTION 12

Form: A

Name:

1. Which of the following equations represents the line draw in the graph below?

- a)  $x - y = -3$
- b)  $2x - 2y = -5$
- c)  $3x - 2y = -5$
- d)  $3x + 4y = -2$

2. The distance between the x-intercept of the line  $2x + y = 4$  and the point  $(1, 3)$  is

- a)  $3\sqrt{2}$
- b) 4
- c) 5
- d)  $\sqrt{10}$

3. Whether the following relations are functions

$$\{(1, -2), (2, -5), (6, 9), (9, -1), (12, 4)\}$$

$$\{(x, y) | x = y^2 - 6\}$$

- a) Yes, Yes
- b) Yes, No
- c) No, Yes
- d) No, No