

Name: _____

1. If the following quadratic equation was to be graphed answer the questions below.

$$y = x^2 - 4x - 12$$

- (a) Find the y -intercept.

- (b) Find the x -intercepts.

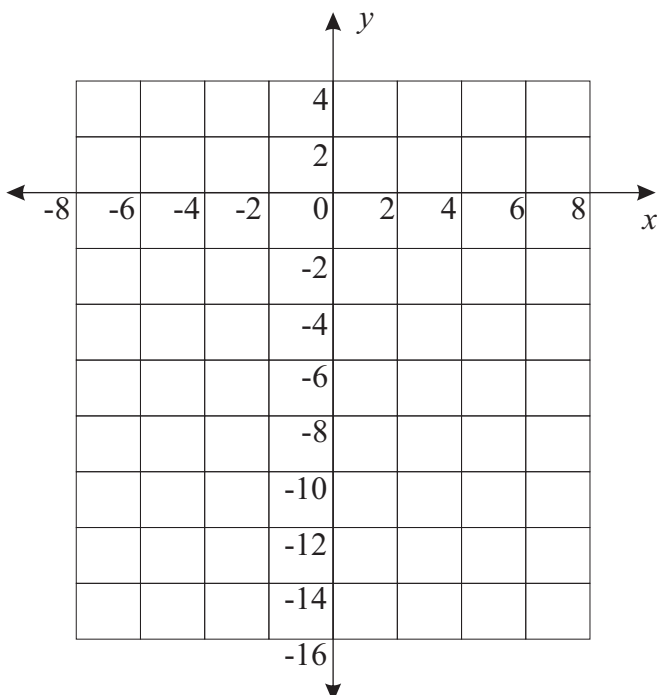
 and

- (c) Find the axis of symmetry.

 $x =$

- (d) Find the coordinates of the turning point.

- (e) Draw the graph on the axes below.



2. If the following quadratic equation was to be graphed answer the questions below.

$$y = x^2 - x - 6$$

- (a) Find the y -intercept.

- (b) Find the x -intercepts.

 and

- (c) Find the axis of symmetry.

 $x =$

- (d) Find the coordinates of the turning point.

- (e) Draw the graph on the axes below.

