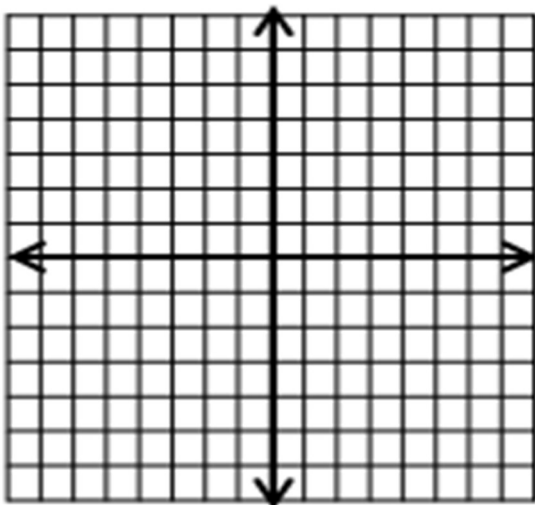


Math Worksheets

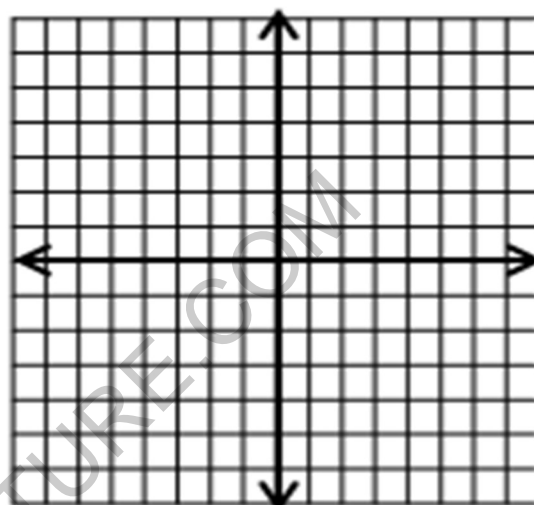
### Graphing Quadratic Functions

 sketch the graph of each function. Identify the vertex and axis of symmetry.

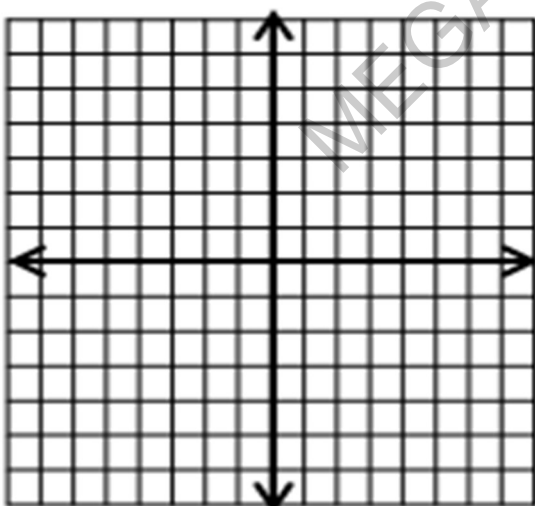
1)  $y = (x + 3)^2 + 2$



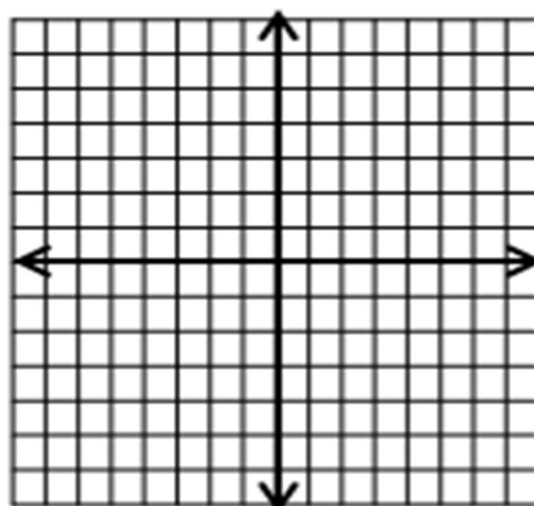
2)  $y = (x - 3)^2 - 2$



3)  $y = 6 - (-x + 4)^2$



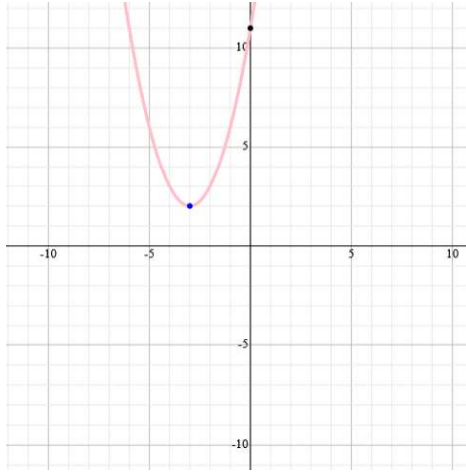
4)  $y = -3x^2 - 6x + 9$



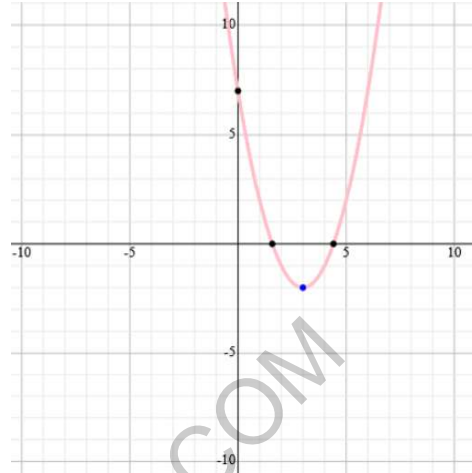
# Answers of Worksheets

## Graphing quadratic functions

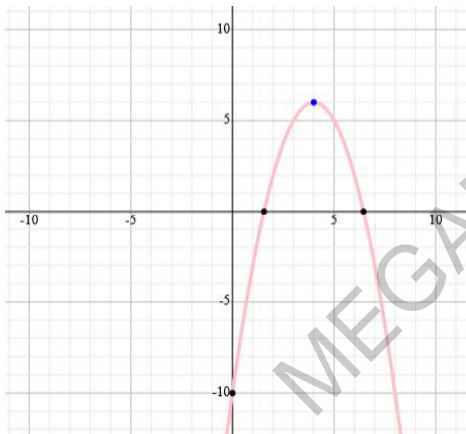
1)  $(-3, 2), x = -3$



2)  $(3, -2), x = 3$



3)  $(4, 6), x = 4$



4)  $(-1, 12), x = -1$

