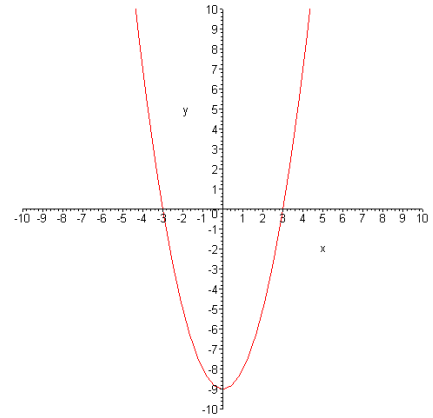


Name: \_\_\_\_\_

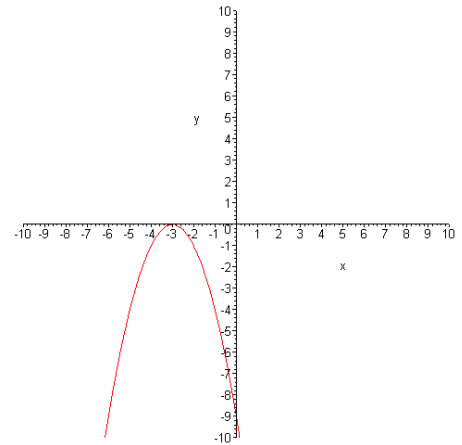
Date: \_\_\_\_\_

# QUIZ – QUADRATICS

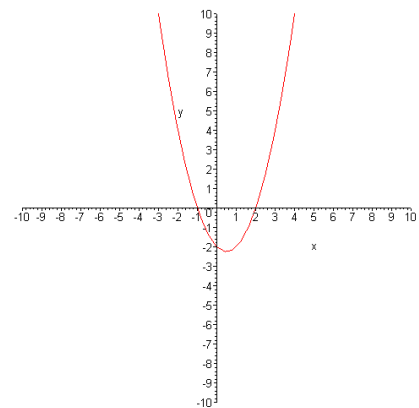
1. (15%) Write each function in all the possible forms:



2. (15%) Write each function in all the possible forms:



3. (15%) Write each function in all the possible forms:



4. (28%) Given the function  $f(x) = x^2 + 6x$

a. (3%) The y intercept is/are: \_\_\_\_\_

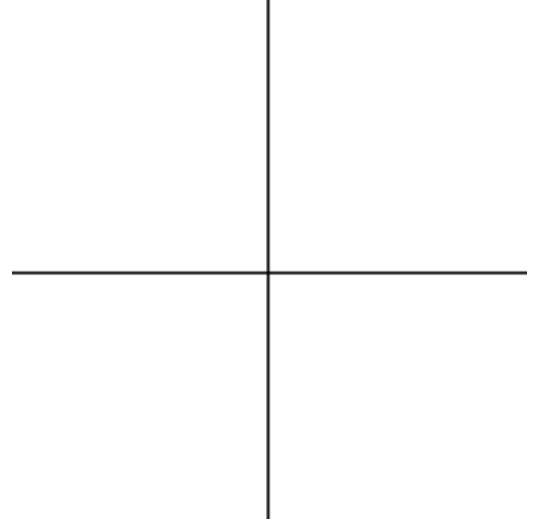
b. (6%) The x intercept is/are: \_\_\_\_\_

c. (9%) Write it in all possible forms:

d. (2%) sketch it.

e. (4%) The vertex is: \_\_\_\_\_

f. (4%) The axis of symmetry is: \_\_\_\_\_



2. (27%) Given the graph of the function  $f(x) = a(x - b)(x - c)$ . Find a, b and c.

