1) Answer the following questions for this quadratic:

$$y = x^2 + 6x - 7$$

a) Does it open up or down?

b) Vertex

c) Y-Intercept

d) X-Intercepts (or Roots or Zeroes)

e) Axis of Symmetry
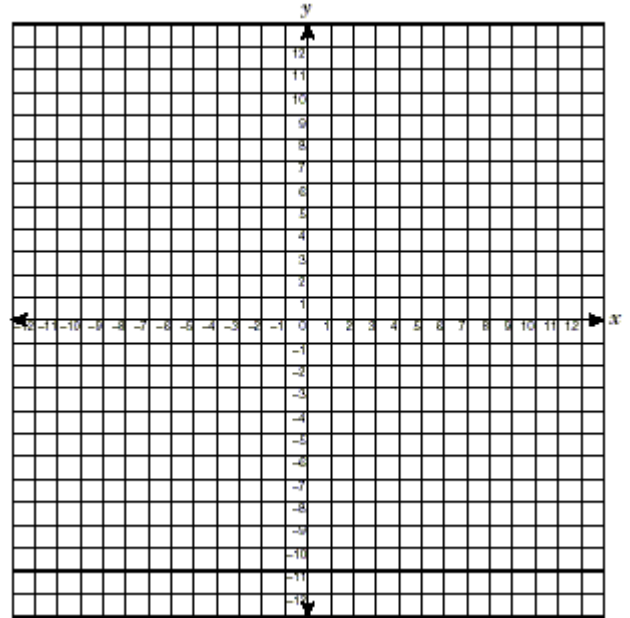
f) Graph

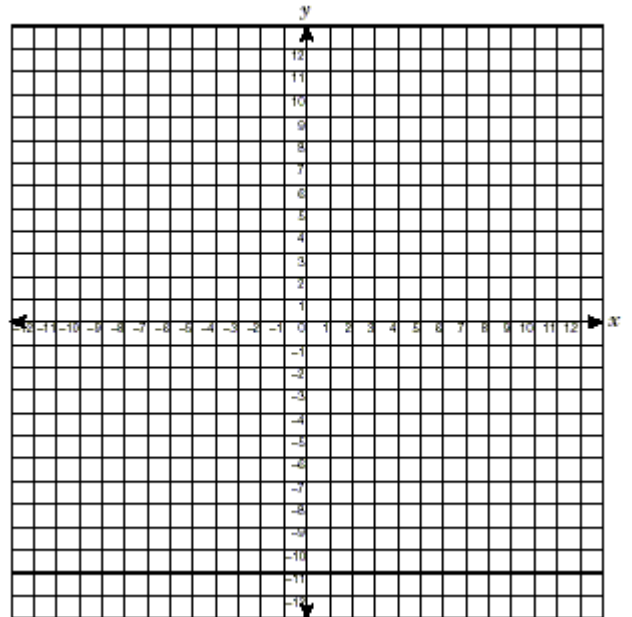2) Answer the following questions for this quadratic:

$$y = x^2 + 2x - 3$$

a) Does it open up or down?

b) Vertex

c) Y-Intercept

d) X-Intercepts (or Roots or Zeroes)

e) Axis of Symmetry

f) Graph

3) Answer the following questions for this quadratic:

$$y = -x^2 + 6x - 9$$
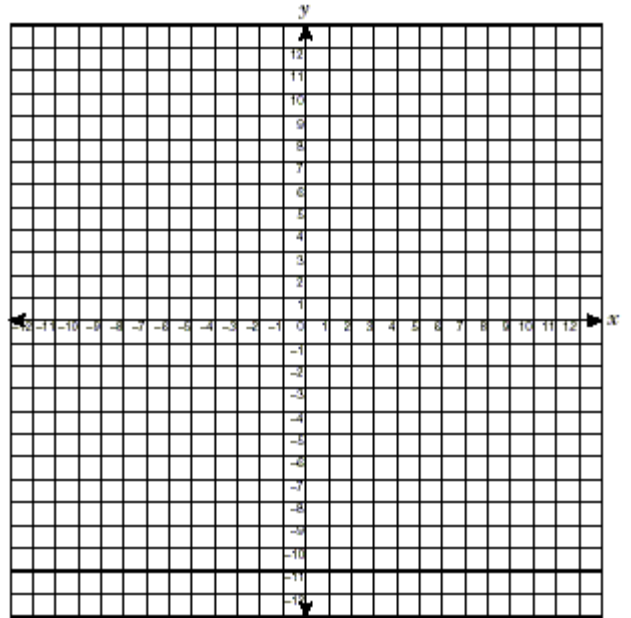
a) Does it open up or down?
b) Vertex
c) Y-Intercept
d) X-Intercepts (or Roots or Zeroes)
e) Axis of Symmetry
f) Graph

4) Answer the following questions for this quadratic:

$$y = x^2 - 8x - 9$$

a) Does it open up or down?
b) Vertex
c) Y-Intercept
d) X-Intercepts (or Roots or Zeroes)
e) Axis of Symmetry
f) Graph