



Algebra 2

Topic 4 // Graphing Quadratics C

N:

D:

P: 1 2 3 4 5 6

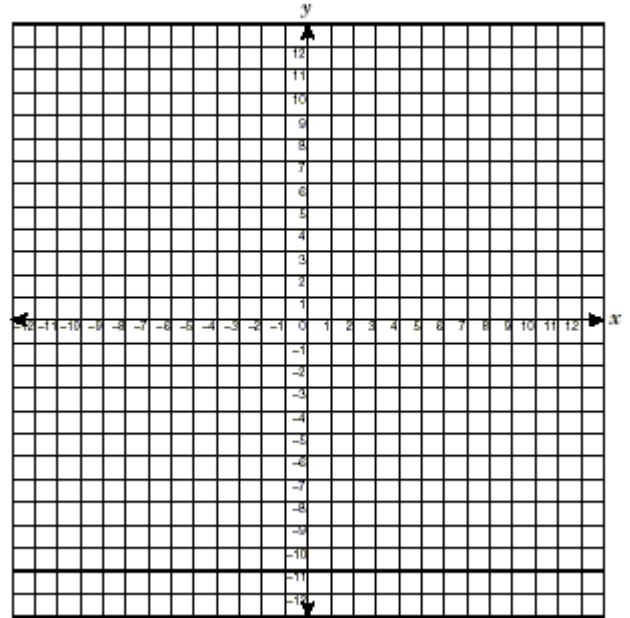
Standards: 10.0

Holt: 5-3 Graphing and Factoring p. 333

1) Answer the following questions for this quadratic:

$$y = 4x^2 + 4x - 3$$

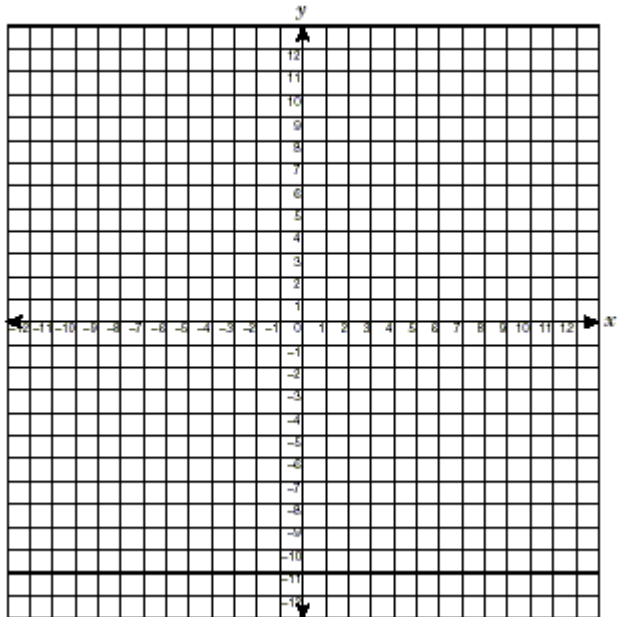
- Does it open up or down?
- Axis of Symmetry
- Vertex
- Y-Intercept
- X-Intercepts (or Roots or Zeroes)
- Graph



2) Answer the following questions for this quadratic:

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

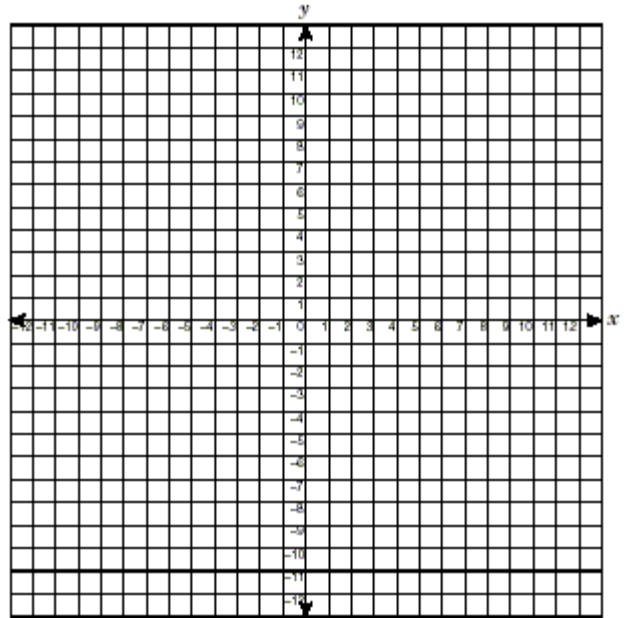
- Does it open up or down?
- Axis of Symmetry
- Vertex
- Y-Intercept
- X-Intercepts (or Roots or Zeroes)
- Graph



3) Answer the following questions for this quadratic:

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

- Does it open up or down?
- Axis of Symmetry
- Vertex
- Y-Intercept
- X-Intercepts (or Roots or Zeroes)
- Graph



4) Answer the following questions for this quadratic:

$$y = -x^2 - 10x - 7$$

- Does it open up or down?
- Axis of Symmetry
- Vertex
- Y-Intercept
- X-Intercepts (or Roots or Zeroes)
- Graph

