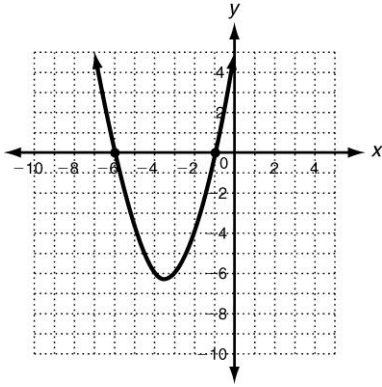


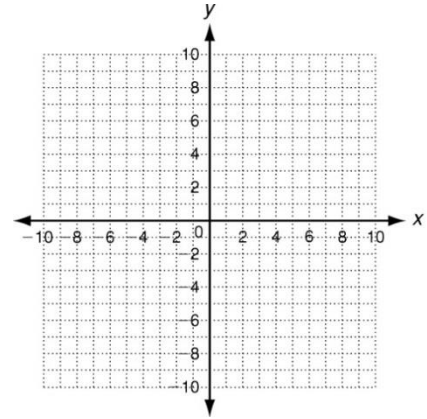
Chapter 9A Review

Find the axis of symmetry (a), minimum or maximum (b), domain (c), range (d), and identify the solutions (e) of each quadratic function from its graph.

1.



2.



1a. _____

axis of symmetry

2a. _____

1b. _____

minimum or maximum

2b. _____

1c. _____

domain

2c. _____

1d. _____

range

2d. _____

1e. _____

solutions (zeros)

2e. _____

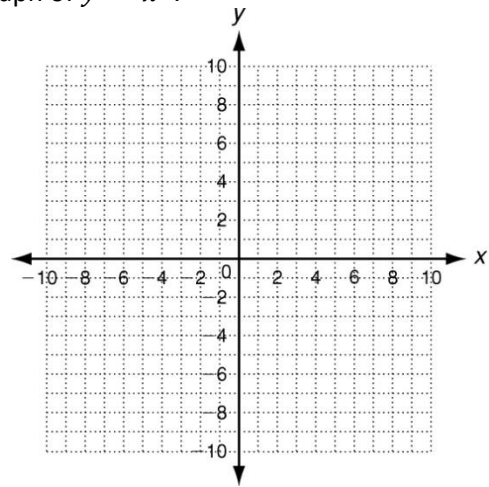
3. Compare the graph of $y = .25x^2 - 3$ with $y = x^2$ by looking at the equation.

Reflection _____

Translation _____

Stretch or Compression _____

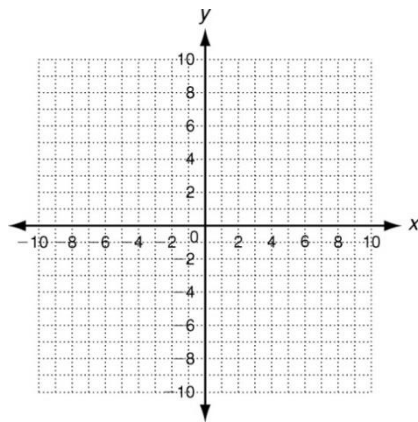
4. Sketch what the graph of $y = -4x^2 + 7$ compared to the graph of $y = x^2$.



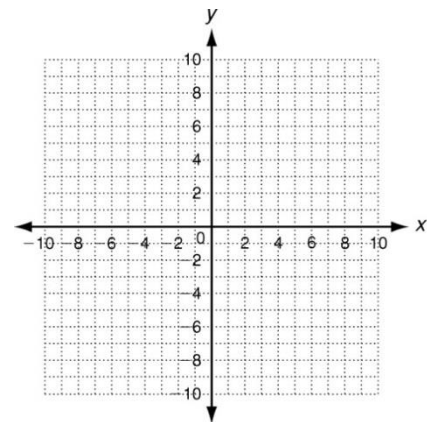
Show work. Write your answers in the spaces provided.

Solve each equation by graphing the related function.

5. $x^2 - 16 = 0$



6. $-x^2 - 4x = 4$



5. _____

6. _____