

Graphing Quadratics

For each question, answer the following parts and graph each quadratic equation.

1. $y = x^2 - 6x + 9$

a: _____ b: _____ c: _____

Axis of Symmetry: _____

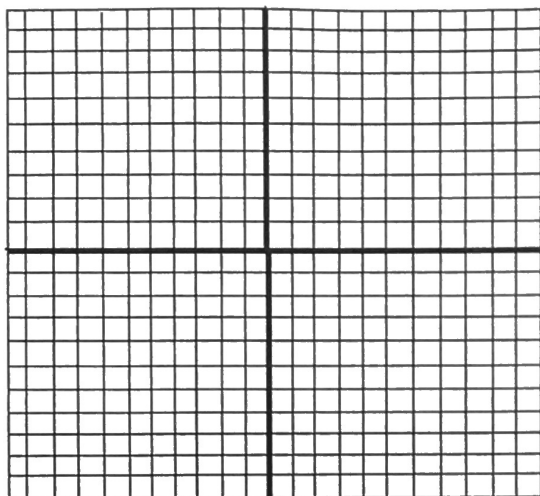
Vertex: _____

Maximum or Minimum _____

Table of Values:

x					
y					

Roots: _____



2. $y = x^2 - 4$

a: _____ b: _____ c: _____

Axis of Symmetry: _____

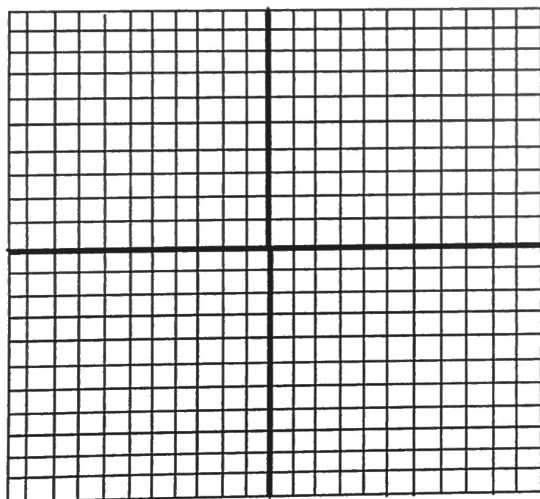
Vertex: _____

Maximum or Minimum _____

Table of Values:

x					
y					

Roots: _____



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

a: _____ b: _____ c: _____

Axis of Symmetry: _____

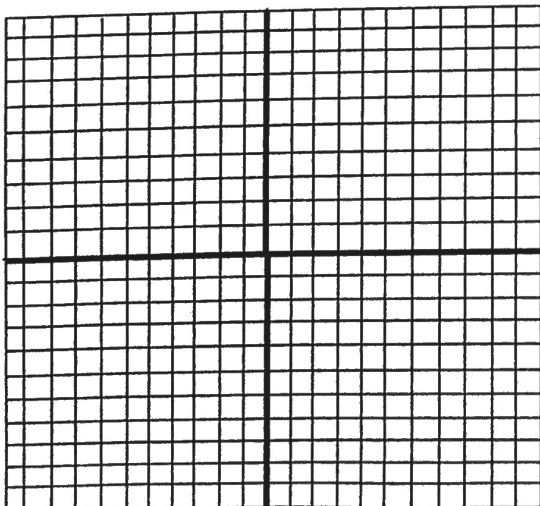
Vertex: _____

Maximum or Minimum _____

Table of Values:

x					
y					

Roots: _____

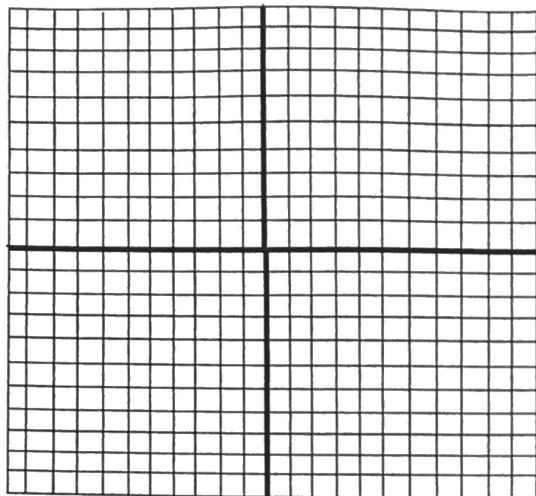


4. $y = x^2 - 8x + 15$

a: _____

b: _____

c: _____



Axis of Symmetry:

Vertex:

Maximum or Minimum

Table of Values:

x					
y					

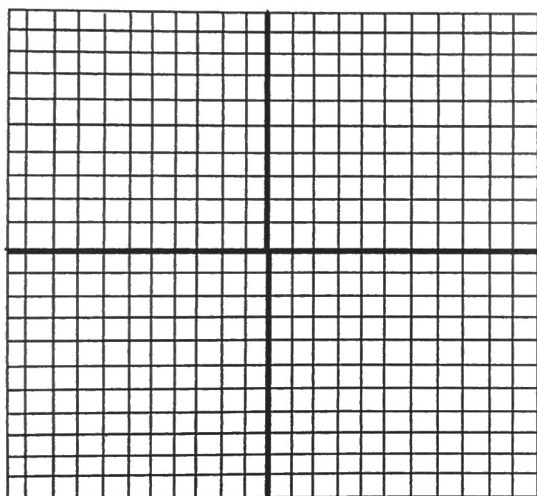
Roots: _____

5. $y = -2x^2$

a: _____

b: _____

c: _____



Axis of Symmetry:

Vertex:

Maximum or Minimum

Table of Values:

x					
y					

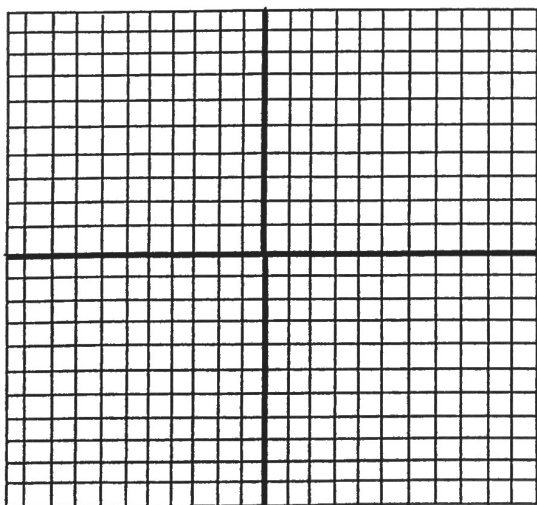
Roots: _____

6. $y = -x^2 - 6x - 8$

a: _____

b: _____

c: _____



Axis of Symmetry:

Vertex:

Maximum or Minimum

Table of Values:

x					
y					

Roots: _____