

Graphing Equations Using a Table

Name: _____ Class Period _____

Graphing Quadratic Functions: Graph each Quadratic function using a table.

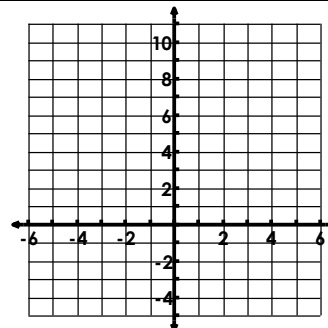
Standard Form: $y = ax^2 + bx + c$

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

Vertex: _____

AOS: _____

x	y

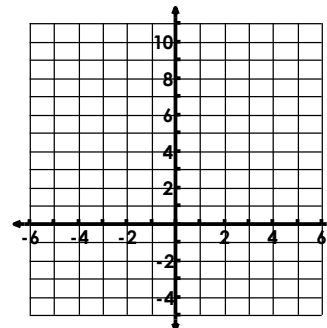


2. $y = x^2 + 4x$

Vertex: _____

AOS: _____

x	y

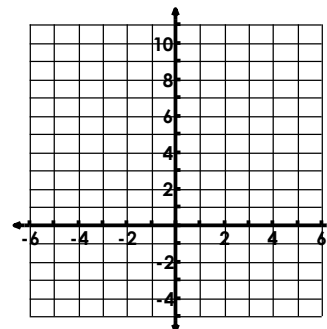


3. $y = -x^2 + 6x + 12$

Vertex: _____

AOS: _____

x	y

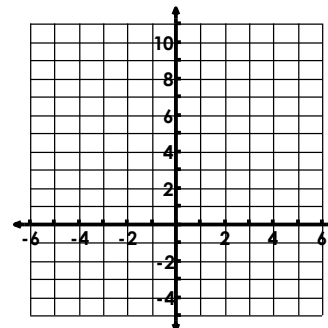


4. $y = -x^2 - 2x + 1$

Vertex: _____

AOS: _____

x	y

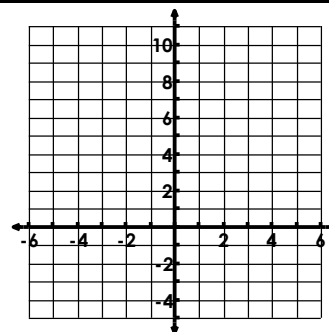


5. $y = x^2 + 4x - 8$

Vertex: _____

AOS: _____

x	y

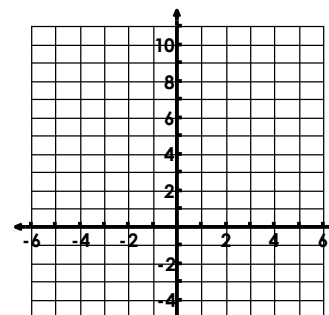


6. $y = 2x^2 - 12x + 16$

Vertex: _____

AOS: _____

x	y

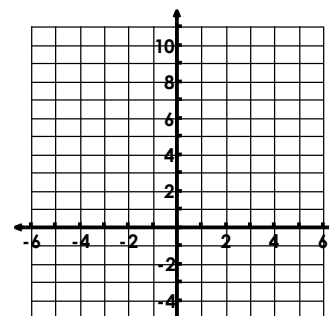


7. $y = -x^2 - 2x + 2$

Vertex: _____

AOS: _____

x	y

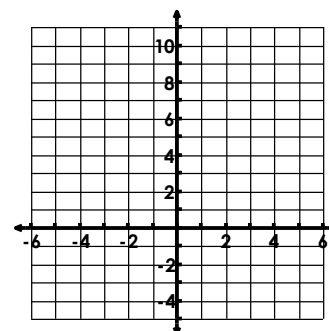


8. $y = 2x^2 + 8x + 15$

Vertex: _____

AOS: _____

x	y



Solve the following equations.

9. $3x^2 + 10 = 4x$

10. $4x^2 - x + 7 = 0$