

Introduction to Quadratics

Standard Form Equations

$$f(x) = ax^2 + bx + c$$

a:

b:

c:

Vertex Form Equations

$$f(x) = a(x - h)^2 + k$$

a:

h:

k:

Factored Form Equations

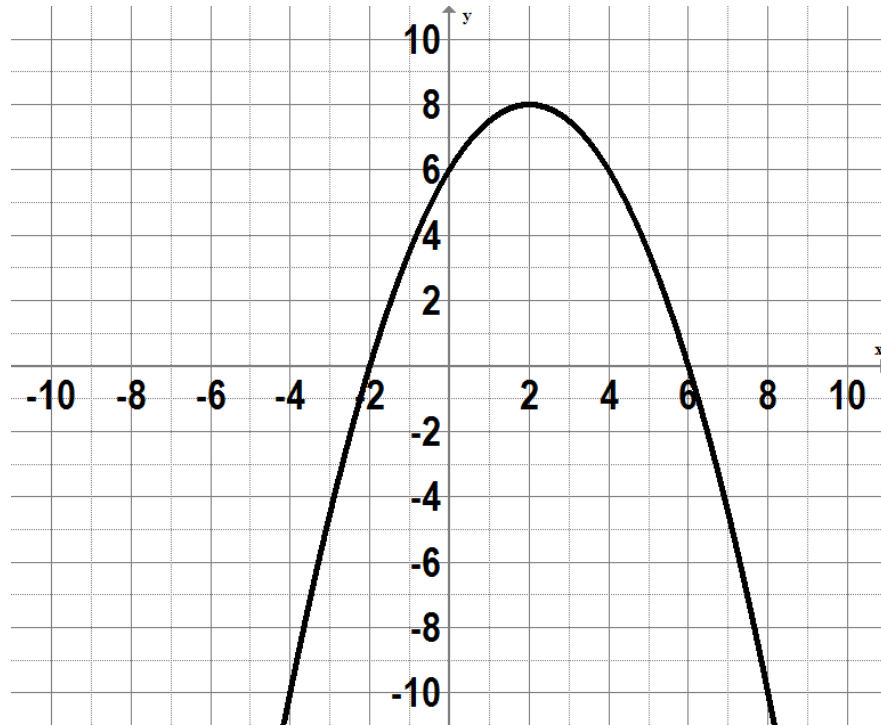
$$f(x) = a(x - x_1)(x - x_2)$$

a:

***x*₁**:

***x*₂**:

Graphs



Vertex

Maximum / Minimum Value

Direction of Opening

Zeros

Axis of Symmetry

y-Intercept

Domain

Range