

Graph each quadratic. Make sure to label all key components.

1. $f(x) = x^2 - 7x - 8$

Maximum or Minimum

Vertex _____

y – intercept _____

AOS _____

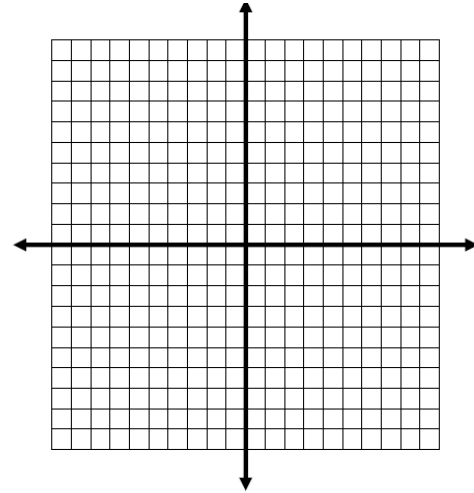
Domain _____

x – intercepts _____

Range _____

Intervals of Increasing

Intervals of Decreasing



2. $f(x) = -2(x - 4)(x + 2)$

Maximum or Minimum

Vertex _____

y – intercept _____

AOS _____

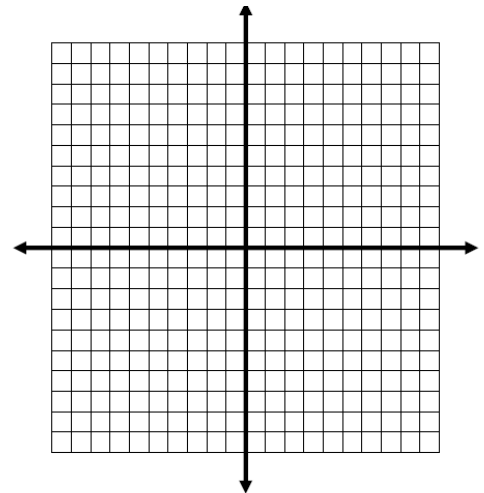
Domain _____

x – intercepts _____

Range _____

Intervals of Increasing

Intervals of Decreasing



3. $f(x) = (x - 3)^2 - 4$

Maximum or Minimum

Vertex _____

AOS _____

x – intercepts _____

y – intercept _____

Domain _____

Range _____

Intervals of Increasing

Intervals of Decreasing

