Math 115E Activity 19

B4 Quiz Review

Graphing Quadratic Functions
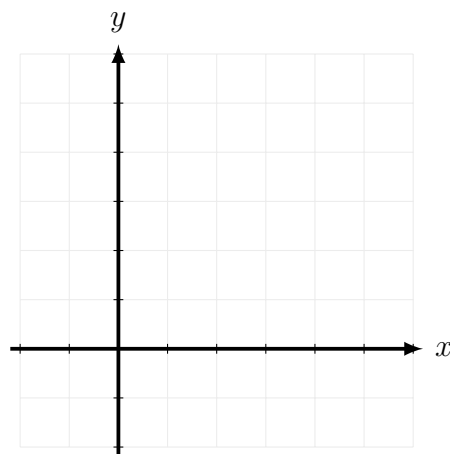
#1 Given the Function $f(x) = -5x^2 + 10x$

   (a) Find the x-intercepts:

   (b) Find the y-intercepts:

   (c) Find the Vertex:

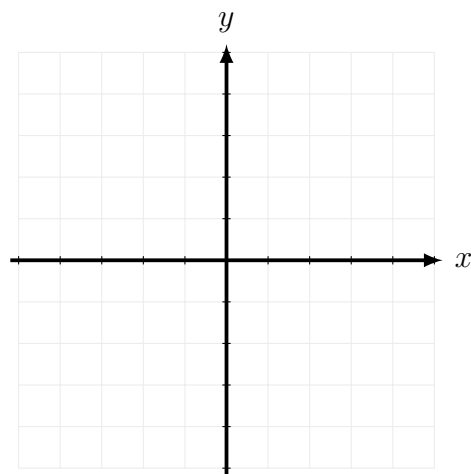   (d) Sketch the Graph:

#2 Given the Function $g(x) = x^2 + 2x - 3$

   (a) Find the x-intercepts:

   (b) Find the y-intercepts:

   (c) Find the Vertex
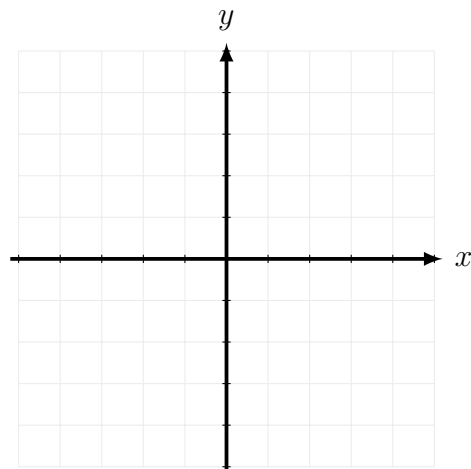
   (d) Sketch the Graph:

#3 Given the Function $h(x) = (3 - x)(1 + x)$

   (a) Find the x-intercepts:

   (b) Find the y-intercepts:

   (c) Find the Vertex:
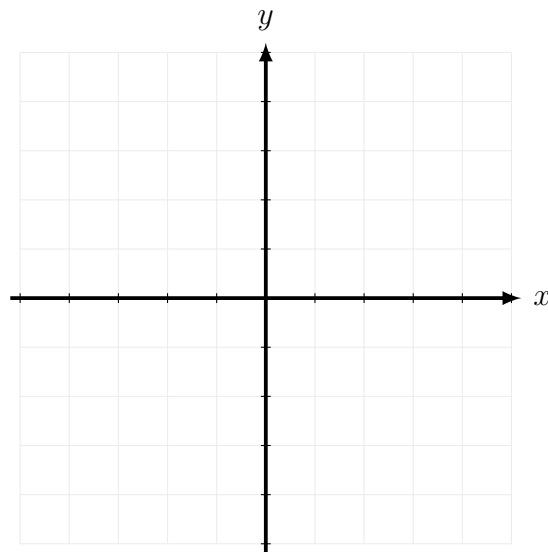
   (d) Sketch the Graph:

#1 Given the Function $k(x) = \dfrac{1}{2}x + 2$

    (a) Find the x-intercepts:

    (b) Find the y-intercepts:

    (c) Find the Vertex:

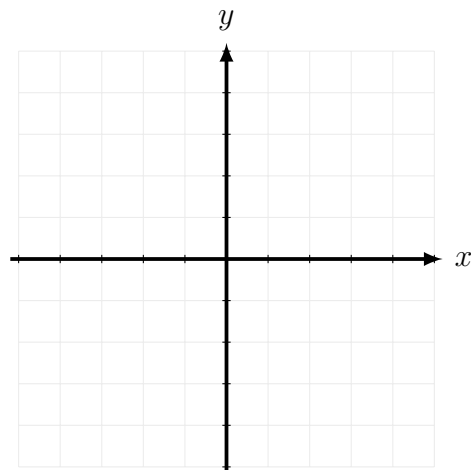   (d) Sketch the Graph:

#2 Given the Function $j(x) = 2x^2 + 2$

    (a) Find the x-intercepts:

    (b) Find the y-intercepts:

    (c) Find the Vertex:

    (d) Sketch the Graph:

#3 Given the Function $p(x) = x^2 - 4x$

    (a) Find the x-intercepts:

    (b) Find the y-intercepts:

    (c) Find the Vertex:

    (d) Sketch the Graph: