1.    Find the vertex and x-intercept(s) of the following quadratic functions.

A) $y = 2x^2 - 6x$    B) $y = x^2 + 10x + 24$    C) $y = x^2 + 7x + 6$

D) $y = x^2 - 12x + 36$    E) $y = 3x^2 + 5x - 2$    F) $y = 6x^2 - 38x + 56$

G) $y = x^2 - 2x - 15$    H) $y = 6x^2 - 21x + 9$    I) $y = x^2 - 2x - 15$

2.    Find the vertex and x-intercept(s) of the following quadratic functions. Change your
      window settings to the following:    **Xmin = -20    Xmax = 20    Xscl = 2**
                                           **Ymin = -20    Ymax = 20    Yscal = 2**

A) $y = 2x^2 - 12x$    B) $y = x^2 - 2x - 15$    C) $y = 4x^2 + 20x + 9$

D) $y = 2x^2 + 13x + 6$    E) $y = x^2 - 2x - 15$    F)    $y = 2x^2 + 15x + 18$

G) $y = x^2 - 2x - 15$    H) $y = x^2 - 2x - 15$    I)    $y = 8x^2 + 18x - 5$