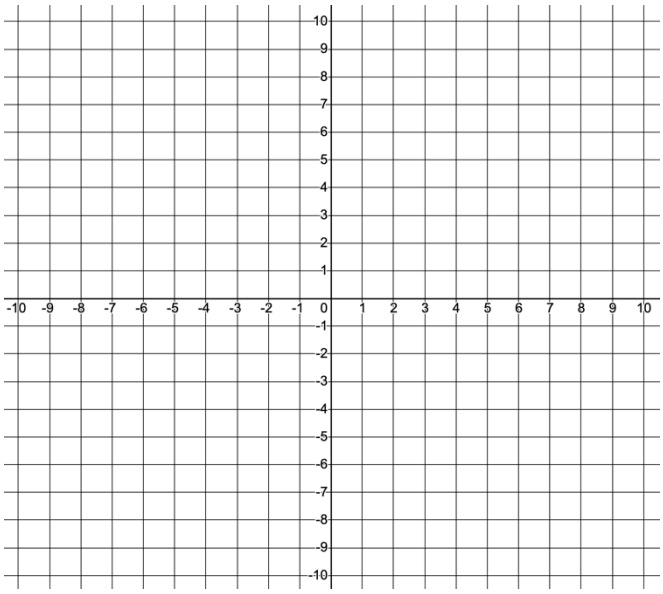
W4 –Quadratics in Standard Form Unit 5

MPM2D

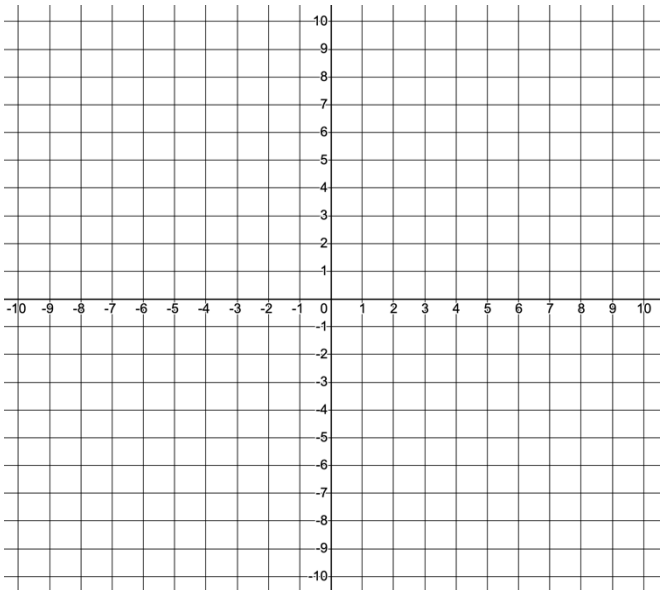
Jensen

1) Find the x-intercepts and the vertex of each parabola. Then, sketch its graph.

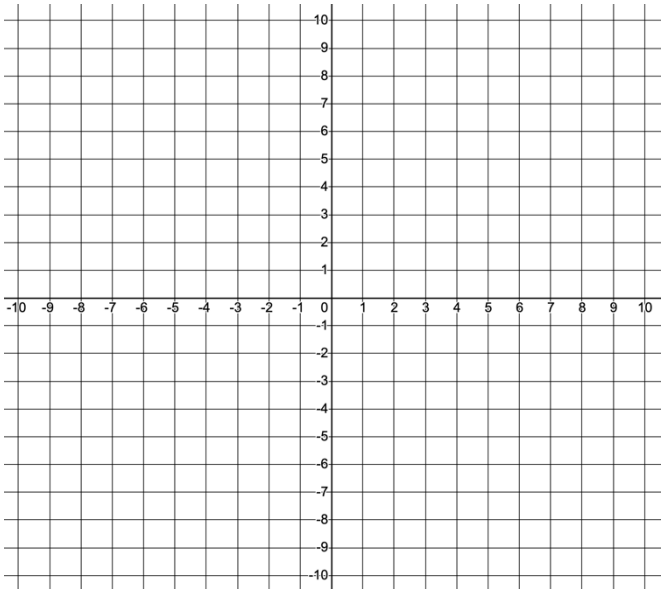
a) $y = x^2 - 6x + 8$



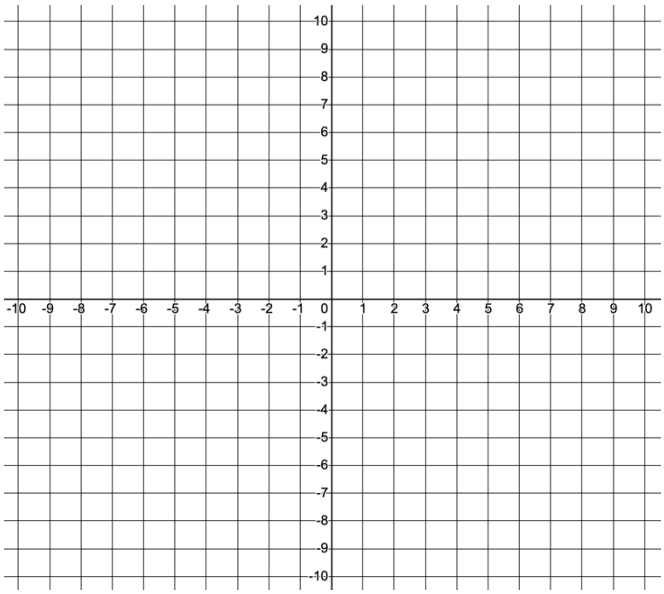
b) $y = -x^2 - 4x + 5$



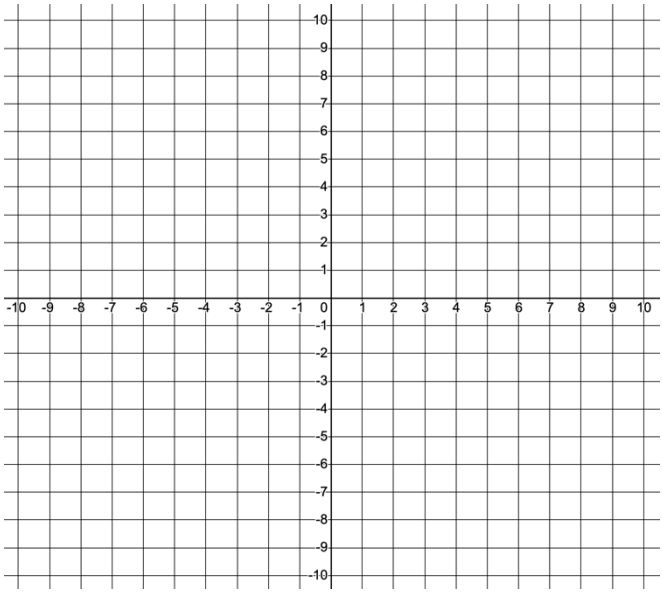
c) $y = x^2 - 9$



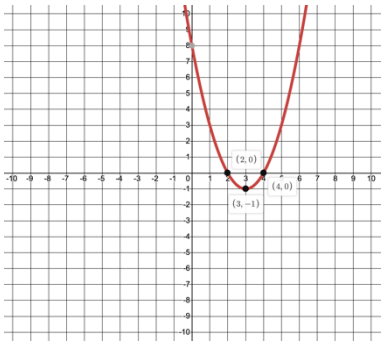
d) $y = x^2 - 12x + 36$



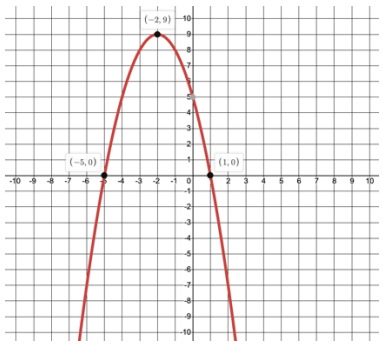
e) $y = 2x^2 - 3x + 4$



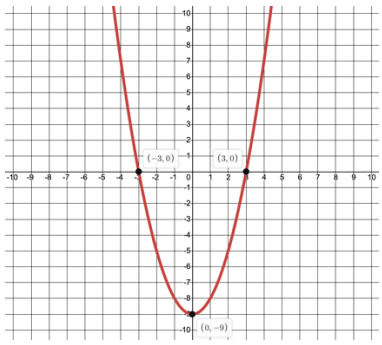
1)a)



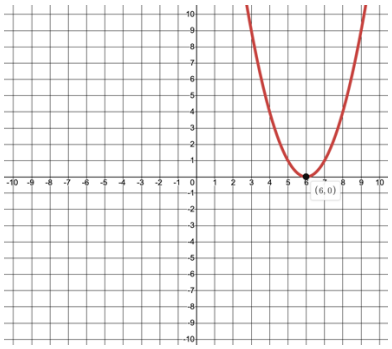
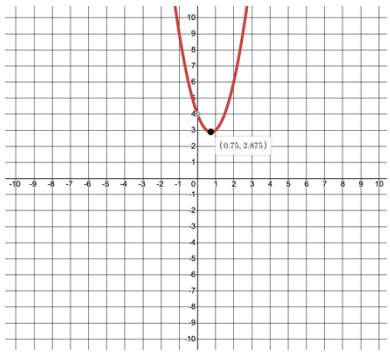
b)



c)



d)



e)