

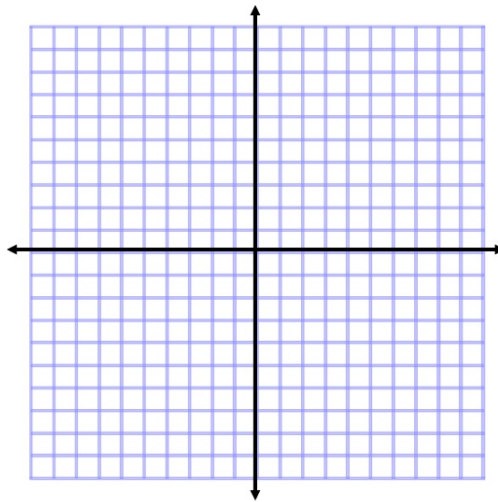
# Graphing Parabolas WS

Find the vertex only!

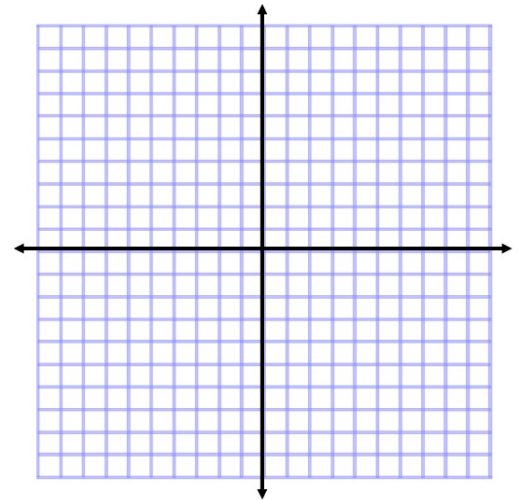
①  $y = x^2 - 4x + 7$       ②  $y = x^2 - 12x + 6$       ③  $y = x^2 + 8x - 2$

Find the vertex and graph each parabola

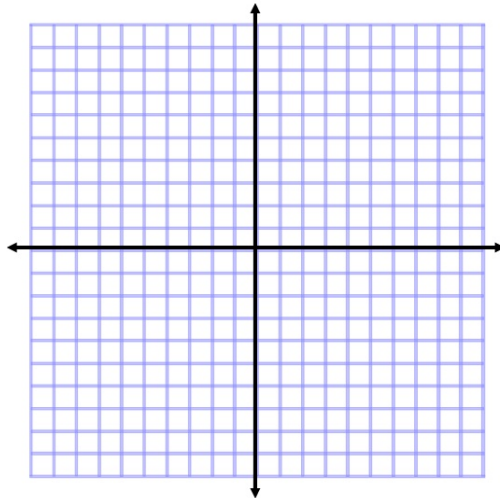
④  $y = x^2 - 10x + 2$



⑥  $y = -2(x+4)^2 - 1$



⑤  $y = x^2 + 12x + 8$



⑦  $y = (x+1)^2 - 7$

