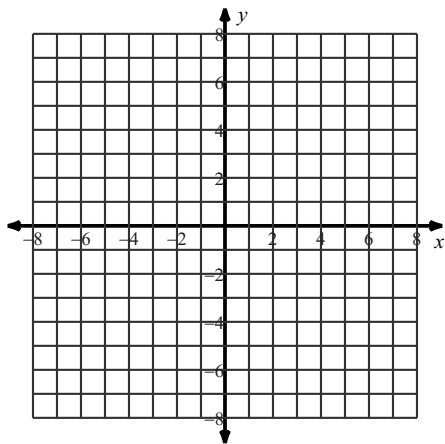


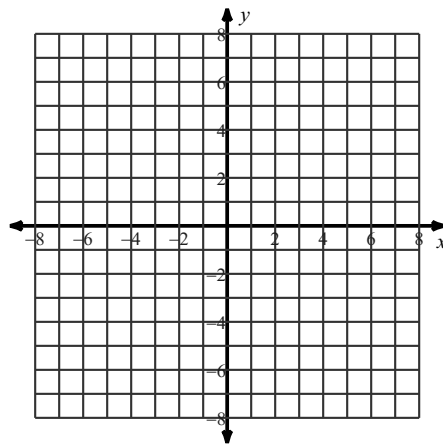
Graphing Parabolas Standard Form Y (GESFY)

Identify the vertex, focus, axis of symmetry, directrix, direction of opening, and min/max value of each. Then sketch the graph.

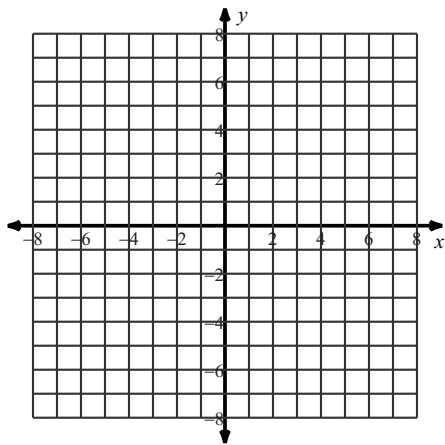
1) $-x = (y + 2)^2$



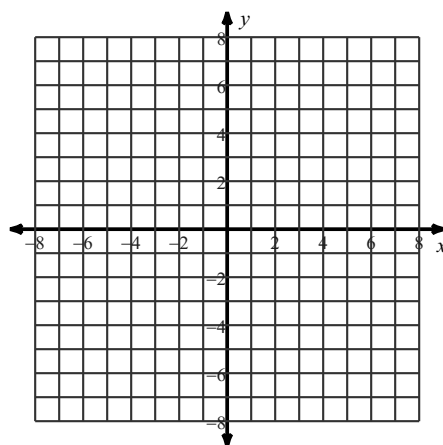
2) $x + 5 = (y - 5)^2$



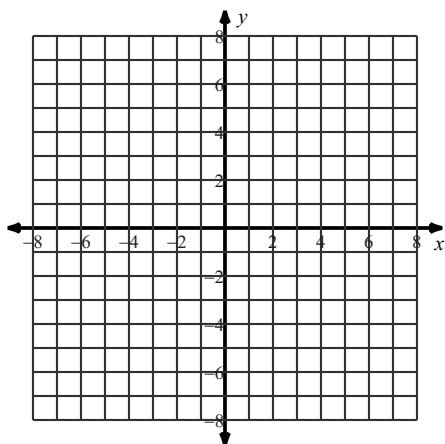
3) $-(x - 5) = (y + 2)^2$



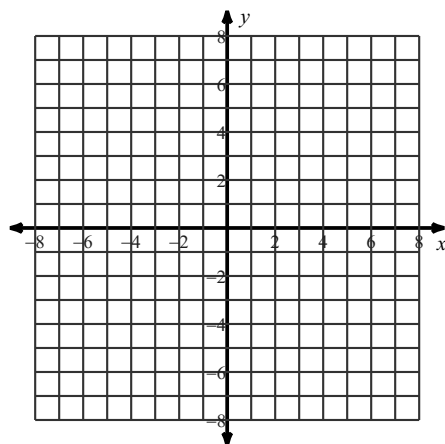
4) $-\frac{1}{2}(x - 3) = (y - 1)^2$



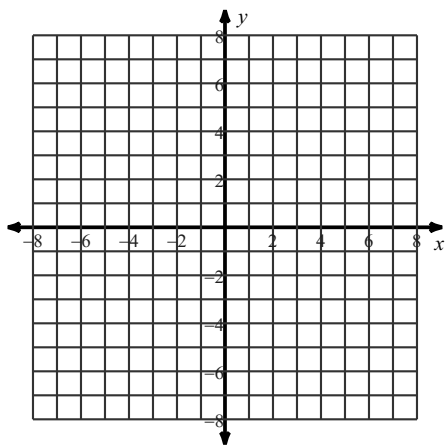
$$5) \frac{1}{3}(x+4) = (y-6)^2$$



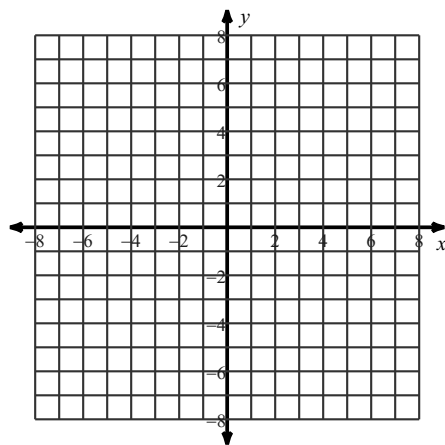
$$6) -\frac{1}{3}(x-6) = y^2$$



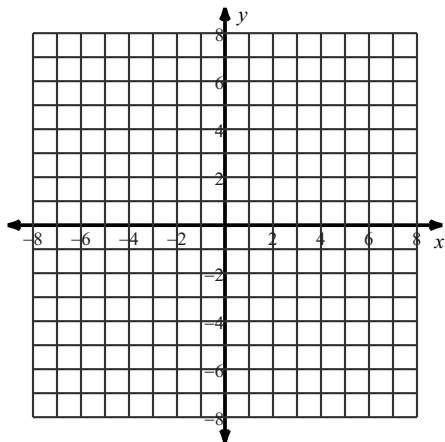
$$7) \frac{1}{2}(x+6) = (y-2)^2$$



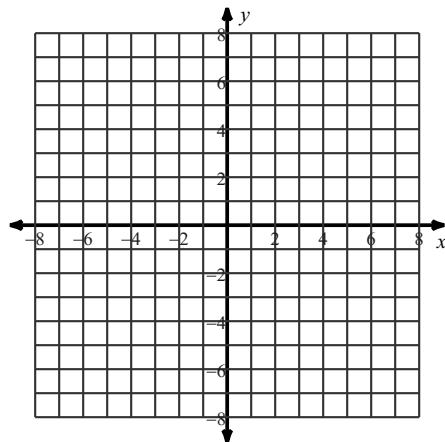
$$8) -\frac{1}{2}(x-1) = (y+4)^2$$



$$9) -3(x+2) = (y+5)^2$$

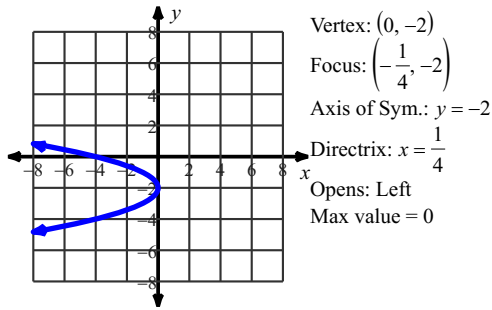


$$10) 2(x-2) = y^2$$

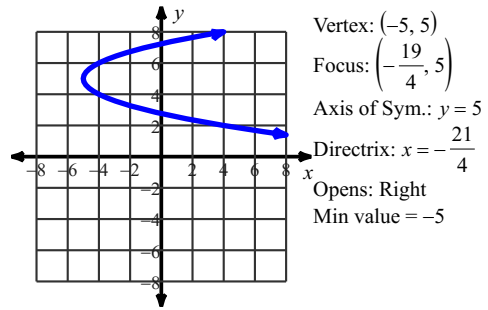


Answers to Graphing Parabolas Standard Form Y (GESFY)

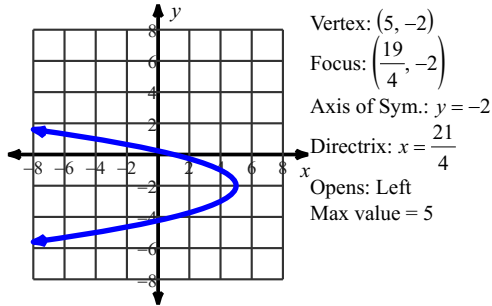
1)



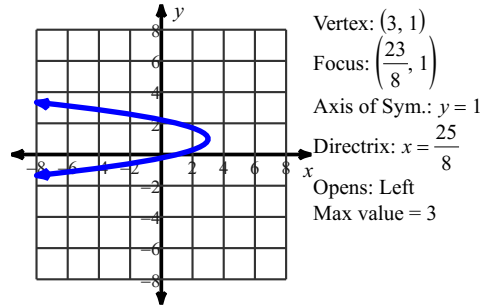
2)



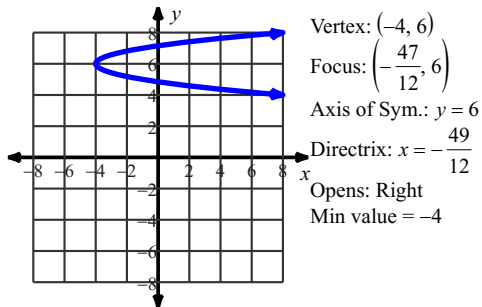
3)



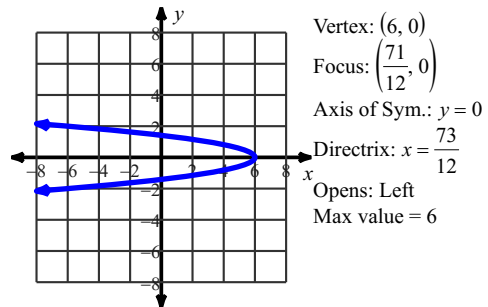
4)



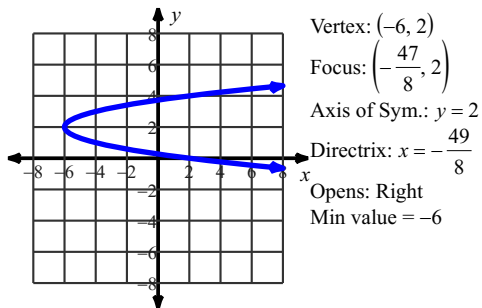
5)



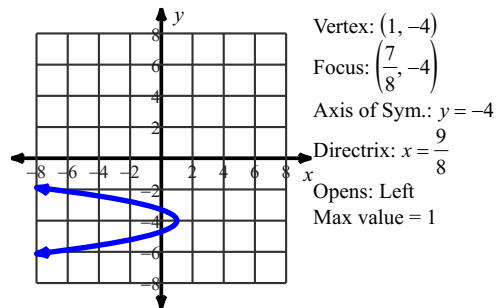
6)



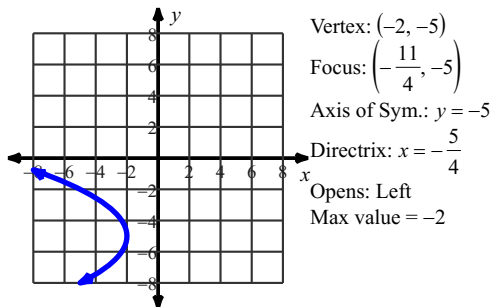
7)



8)



9)



10)

