

Finding Quadratic Equations Quiz

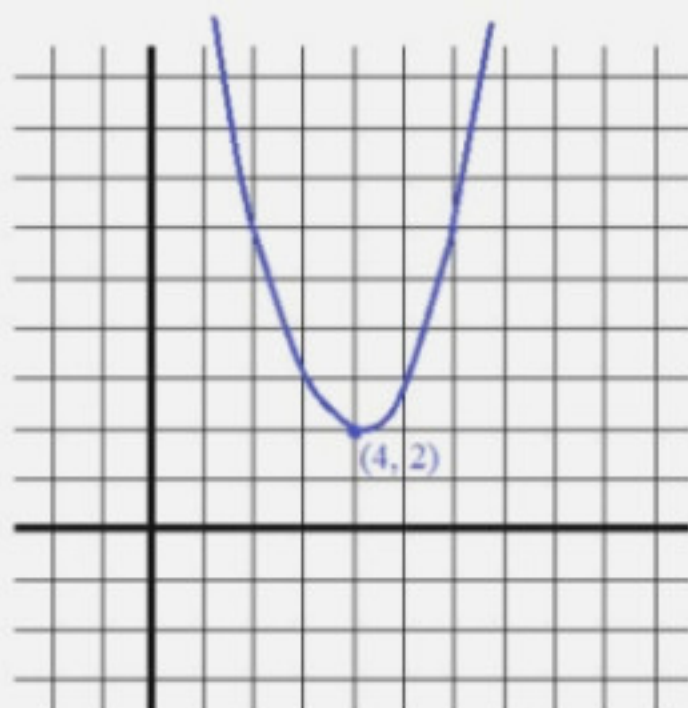
I. Vertex Form -- Express the following parabolas in *vertex form*

A. vertex: (2, 5)
through the point (5, 14)

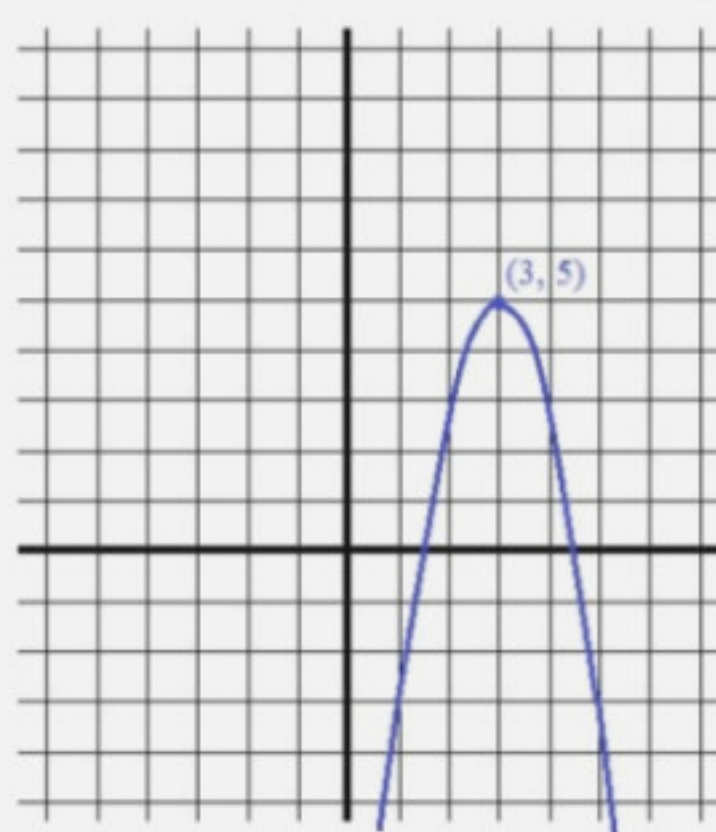
B. vertex: (-2, -5)
through the point (1, 22)

C. vertex: (3, 3)
y-intercept: (0, -15)

D.



E.



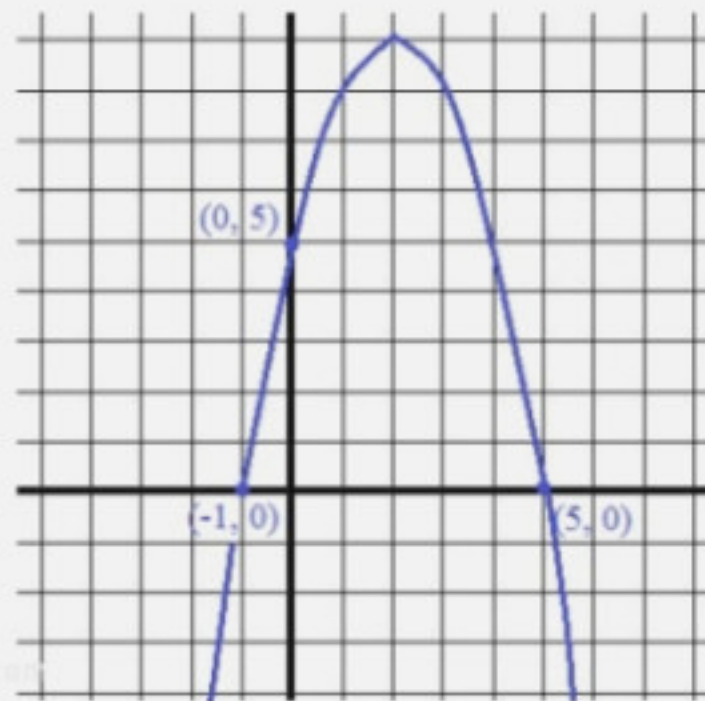
II. Intercept Form -- Express the following quadratics in *intercept form*

A. x-intercepts: (1, 0) (5, 0)
vertex: (3, 8)

B. x-intercepts: (-3, 0) (5, 0)
another point on the curve: (7, 4)

C. vertex: $\left(\frac{-3}{2}, \frac{-25}{2}\right)$
y-intercept: (0, -8)

D.



E.

