

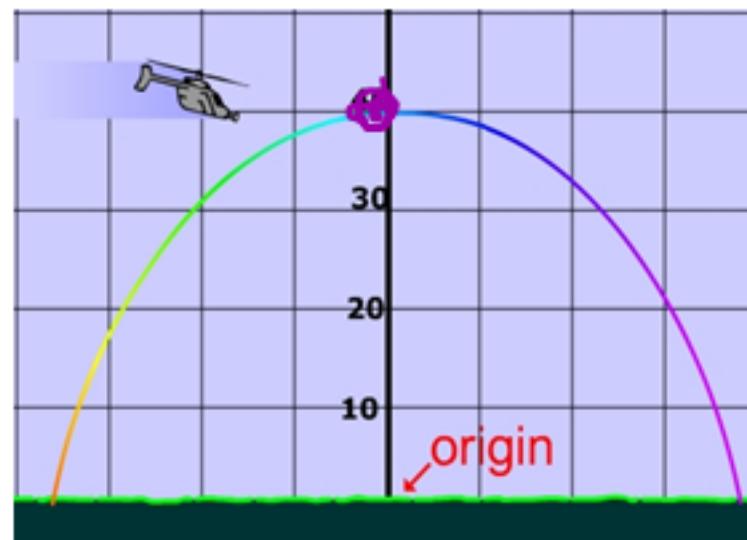


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Find the equation. Hint—use intercept form, then change to standard form.



yint  $(0, 40)$   
vertex  $(0, 40)$

$$Y = -(x + 37)(x - 37)$$

$$Y = -(x^2 - 37x + 37x - 1369)$$

$$Y = -(x^2 - 1369)$$

$$Y = -x^2 + 1369$$

Practice #2: Determine the approximate equation of the parabola. Use vertex form, then change to standard form.

