

Algebra 2 Easy Peasy All-in-One High School

Questions from Algebra 2 Online! <http://teachers.henrico.k12.va.us/math/hcpsalgebra2/modules.html>

1. Write an equation for the parabola whose vertex is at $(2, 6)$ and which passes through $(4, -4)$.

2. Solve. $4x^2 + 12x + 8 = 0$

3. Write a quadratic equation with the given roots. -9 and -4

4. Use the quadratic formula to find the solution. $x^2 - 7x = 60$

5. Find the discriminant. $-4x^2 - 14x + 3 = 0$