

How to find the equation of a parabola given two points

Remember that the general equation is $ax^2 + bx + c = 0$

- 1) Plug x and y from each coordinate into the general equation. You will end up with two equations.
- 2) Solve each equation for c
- 3) Set them equal to each other
- 4) Use substitution to find the values of a and b
- 5) Rewrite the equation with the values of a, b and c