

## MATH 2A/5A Prep: Quadratic functions

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1. Find the two intersection points of the parabola  $y = 2x^2 + x - 1$  with the line  $y = -2x + 2$
2. Solve the equation  $2x^2 - 9x + 10 = 0$
3. Use the quadratic formula to explain why  $x^2 - 6x + 9 = 0$  has a unique solution.