

Math 172 – Section 8.2: Solving Quadratics

Methods for solving $ax^2 + bx + c = 0$:

Method	When does it work?	Comments
Factoring	when quadratic factors	really fast when it works
Even-root property	when you've got equation of form $(x - a)^2 = c$	don't get that form very often
Completing the square	always	long and annoying
Quadratic formula	always	quick and easy (almost as fast as factoring!)