

# QUADRATIC FORMULA maze

Directions: Begin at the "Start here!" square and solve the quadratic equation using the quadratic formula. Use your answer to move to the next square. Continue until you get to the "Finished!" square.

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$6x^2 - 5x = -1$	$0.5 \text{ and } 0.\bar{3}$	$3x^2 + 7x - 5 = 0$	$-4 \pm 2\sqrt{3}$
$x^2 + 8x + 4 = 0$	$\frac{5 \pm \sqrt{37}}{4}$	$4x^2 - x = 2$	
$1 \text{ and } -0.1\bar{6}$	$\frac{-7 \pm \sqrt{109}}{6}$	$\frac{7 \pm \sqrt{109}}{3}$	$-8 \pm 2\sqrt{3}$
$2x^2 - 3x + 1 = 0$	$\frac{-3 \pm \sqrt{2}}{7}$	$3x^2 - 8x - 2 = 0$	$2 \pm \sqrt{17}$
$3 \text{ and } -4$	$-x^2 + 3x + 7 = 0$	$5 \pm \sqrt{3}$	$\frac{1 \pm \sqrt{33}}{8}$
$1 \text{ and } 0.5$	$\frac{5 \pm \sqrt{31}}{2}$	$\frac{18 \pm \sqrt{69}}{3}$	$7x^2 - 3x - 7 = 3$
$\frac{4 \pm \sqrt{6}}{5}$	$\frac{-5 \pm \sqrt{37}}{2}$	$\frac{10}{7} \text{ and } -1$	$\frac{2 \pm \sqrt{33}}{8}$
$x^2 + 9x = -3$	$\frac{-9 \pm \sqrt{69}}{2}$	$5x^2 - 8x + 2 = 0$	$\frac{2}{3} \text{ and } -2$
$6x^2 + 10x - 2 = 0$	$\frac{-5 \pm \sqrt{37}}{6}$	<b>FINISHED!</b>	