Quadratics Maze

Name: _____

Dodge the monsters. Make it home. Solve quadratics along the way to reveal the right path.
If a correct answer takes you to a monster, you made a wrong turn earlier on!

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Start

$2x^2 - 14x + 24 = 0$

4 & 3

$-7x^2 + 63 = 0$

-3 & 3

$x^2 - 7x - 4 = 0$

-1 & 3

-12 & 2

2 & -12

$1\frac{1}{2}$ & $-1\frac{1}{2}$

$\frac{7 \pm \sqrt{65}}{2}$

$\frac{7 \pm \sqrt{353}}{2}$

$-7x^2 + 14x + 21 = 0$

-1 & -3

$2x^2 + 9x + 10 = 0$

$1 \pm \sqrt{6}$

$x^2 - 2x - 2 = 0$

$1 \pm \sqrt{12}$

$2x^2 - 72 = 0$

1 & -3

$\pm\sqrt{7}$

-2 & -2.5

6 & -6

$1 \pm \sqrt{3}$

$1 \pm 2\sqrt{12}$

-2 & -6.5

$-2x^2 + 8x - 6 = 0$

1 & 3

$\pm\sqrt{12}$

$4x^2 - 24 = 0$

0 & -6

$1 \pm \sqrt{3}$

$\frac{\pm\sqrt{6}}{2}$

$\frac{3 \pm \sqrt{13}}{2}$

$\pm\sqrt{6}$

$\pm 2\sqrt{3}$

-2 & $4\frac{4}{5}$

$\frac{-1 \pm \sqrt{37}}{18}$

$x^2 = 3$

$5 \pm \sqrt{92}$

$2x^2 - 6x - 2 = 4x - 3$

2 & $4\frac{1}{5}$

$2x^2 - 6x - 2 = 4x - 3$

$2 \pm \sqrt{35}$

$9x^2 - 1 = -x$

$\pm\sqrt{3}$

$\frac{\pm\sqrt{3}}{2}$

$\frac{2 \pm \sqrt{26}}{2}$

$\frac{5 \pm \sqrt{23}}{2}$

$\frac{1 \pm \sqrt{71}}{10}$

$\frac{3 \pm \sqrt{13}}{2}$

$13 \pm \sqrt{89}$

$6 \pm 2\sqrt{6}$

$x^2 + 4 = 12x - 8$

$-6 \pm 4\sqrt{6}$

$-14x^2 + 4x + 14 = -6x^2$

$\frac{1 \pm \sqrt{29}}{4}$

Finish