

$$\text{laberinto } -7x^2 + 14x + 21$$

$$x = \frac{-14 \pm \sqrt{14^2 - 4(-7)(21)}}{2(-7)}$$

$$\frac{-14 \pm \sqrt{196 + 588}}{-14}$$

$$\frac{-14 \pm \sqrt{784}}{-14}$$

$$\frac{28}{28}$$

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

$$x = \frac{-(-14) \pm \sqrt{(-14)^2 - 4(-2)(24)}}{2(-2)}$$

$$\frac{14 \pm \sqrt{196 + 192}}{-4}$$

$$\frac{-(-14) \pm \sqrt{(-14)^2 - 4(-2)(24)}}{2(-2)}$$

$$3 - 7x^2 + 63 = 0$$

$$-63 + 165 - 4x^2 = 0$$

$$-63 + \sqrt{5082} + 0$$

$$\frac{-63 \pm \sqrt{63^2 - 4(-7)(63)}}{-14} = \frac{63 \pm \sqrt{63^2 - 4(-7)(63)}}{-14} = \frac{-3}{3}$$

$$4x^2 - 7x - 4$$

$$x = \frac{-(-7) \pm \sqrt{(-7)^2 - 4(4)(-4)}}{2(4)}$$

$$\frac{-7 \pm \sqrt{49 + 64}}{8}$$

$$5x^2 - 2x - 2$$

$$x = \frac{-(-2) \pm \sqrt{(-2)^2 - 4(5)(-2)}}{2(5)}$$

$$\frac{2 \pm \sqrt{4 + 8}}{10} = \frac{2 \pm \sqrt{12}}{10} \rightarrow \frac{2 \pm \sqrt{12}}{10} = \frac{1 \pm \sqrt{3}}{5}$$

$$6 \quad 4x^2 - 24 \quad -24 \pm \sqrt{24^2 - (4)(1)(0)}$$

$$\frac{-24 \pm \sqrt{576 - 0}}{8} = \frac{-24 \pm 24}{8} \quad \times (b) \quad \sqrt{a}$$

$$7 \quad 2x^2 - 6x - 2 = 4x - 3$$

$$2x^2 - 10x + 1 = 0$$

$$2x^2 - 6x - 4x - 2 + 3 = 0$$

$$a = 2$$

$$b = -10$$

$$c = 1$$

$$\frac{-10 \pm \sqrt{10^2 - (4)(2)(1)}}{2(2)}$$

$$\frac{-10 \pm \sqrt{100 - 8}}{4}$$

$$\frac{-10 \pm \sqrt{92}}{4} = \frac{-5 \pm \sqrt{23}}{2} = \frac{-5 \pm \sqrt{92}}{4}$$

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

$$8 \quad -14x^2 + 4x + 14 = 6x^2$$

$$-14x^2 - 6x^2 + 4x + 14 = 0$$

$$-20x^2 + 4x + 14 = 0$$

$$a = 20 \quad c = 14$$

$$b = 4$$

$$(Ax^2 - 2x - 7)$$

$$\frac{-2 \pm \sqrt{2^2 - 4(20)(-7)}}{2(20)}$$

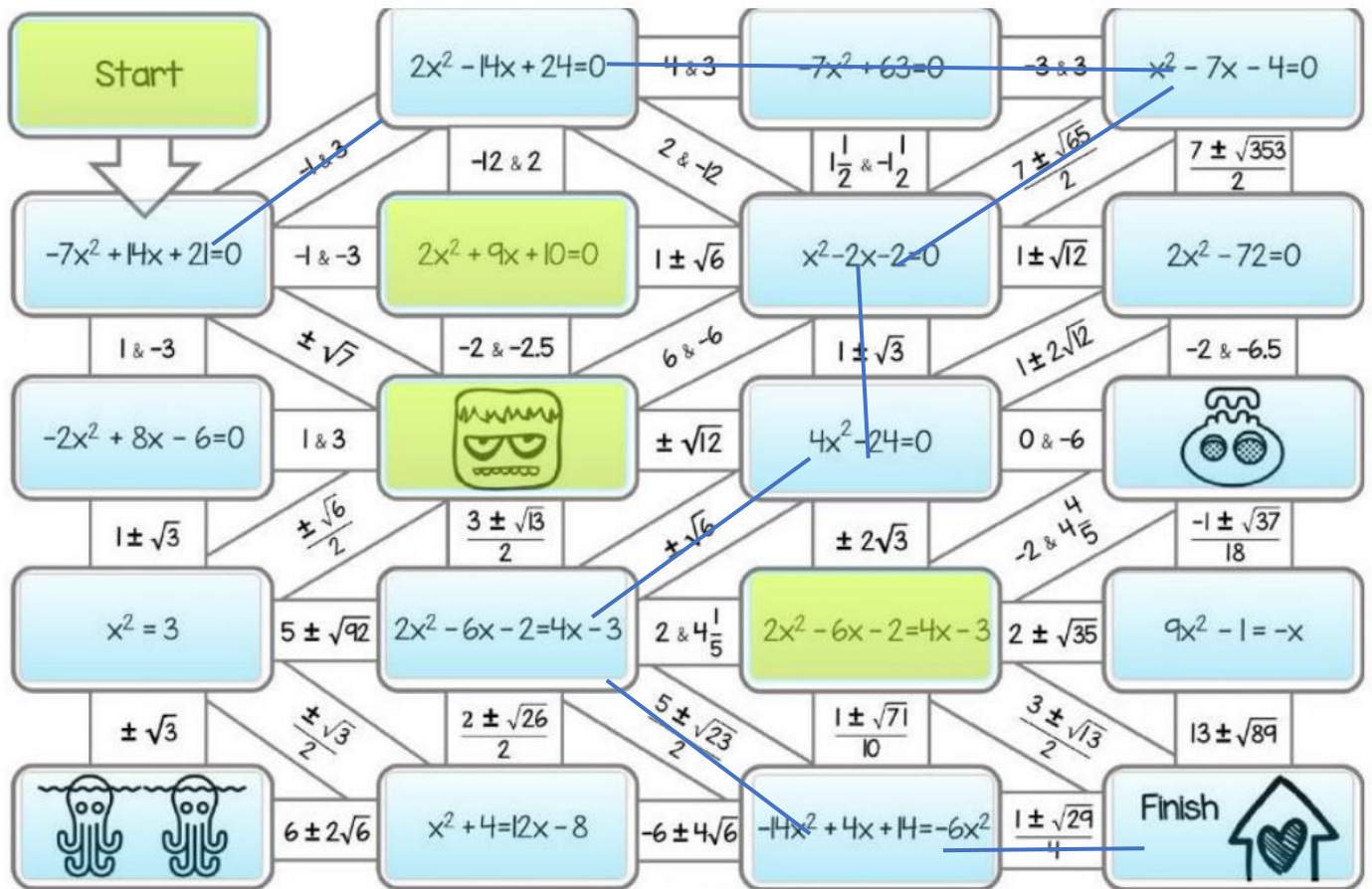
$$\frac{-2 \pm \sqrt{4 - 560}}{40}$$

$$\frac{2 \pm \sqrt{2 \cdot 58}}{8}$$

$$\frac{2 \pm \sqrt{2 \cdot 29}}{8}$$

$$\frac{2 \pm \sqrt{29}}{8}$$

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



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