

$$\sqrt[3]{5x-1} = \sqrt[3]{x+4}$$

$$5X - 1 = X + 4$$

$$5\times-\times=4+1$$

$$4X = 5$$

731
$$\sqrt{2x+7} = 3 - \sqrt{1-x}$$

$$[-3;1]$$

$$2x + 7 = 9 + (1 - x) - 6 \sqrt{1 - x}$$

$$6\sqrt{1-x} = 9+1-x-2x-7$$

$$6\sqrt{1-x} = 3 - 3x$$

$$2\sqrt{1-x} = 1-x$$

$$4(1-x)=(1-x)^2$$

$$4 - 4 \times = 1 + \times^{2} - 2 \times$$

$$x^{2}+2x-3=0$$
 (x+

$$x^{2}+2x-3=0$$
 $(x+3)(x-1)=0$ $x=1$

CONTO 40:

$$x = -3$$
 $\sqrt{1} = 3 - \sqrt{4}$ $x = 1$ $\sqrt{9} = 3 - 0$

1=1 0K

737
$$\sqrt{2x-1} = 2\sqrt{x+4} - 3$$

(elassol = $2x-1 = 4(x+4) + 9 - 12\sqrt{x+4}$

$$2x - 1 = 4x + 16 + 9 - 12 \sqrt{x} + 4$$

$$12\sqrt{x+4} = 2x + 26$$

$$6\sqrt{x+4} = x + 13$$

$$elens$$

$$elens$$

$$36(x+4) = x^2 + 163 + 26x$$

$$x^{2} - 10x + 25 = 0$$

$$\left(x-5\right)^2 = 0 \quad \times = 5$$

×=5

CONTROLLO

$$738 - \sqrt{x^{2} - 1} + \sqrt{x^{2} + 3x} = 2$$

$$\sqrt{x^{2} + 3x} = 2 + \sqrt{x^{2} - 1}$$

$$x^{2} + 3x = 4 + x^{2} - 1 + 4\sqrt{x^{2} - 1}$$

$$3x - 3 = 4\sqrt{x^{2} - 1}$$

$$7x^{2} + 18x - 25 = 0$$

$$-25 - 16^{2}$$

$$x = -\frac{9 + 16}{7}$$

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$$x = -\frac{25}{7} - \sqrt{\frac{625}{43} - 1} + \sqrt{\frac{625}{43} - \frac{75}{7}} = 2$$

$$0.625 - 525$$

$$43$$

$$-\sqrt{\frac{576}{43}} + \sqrt{\frac{100}{43}} = 2$$

$$-\frac{24}{7} + \frac{10}{7} = 2$$

$$-2 = 2 \text{ Falso!}$$
Corracto
$$x = 1 - \sqrt{0} + \sqrt{4} = 2$$

$$2 = 2 \text{ or !}$$