

Ⓟ

$$\frac{x - \sqrt{5-4x}}{-x} = -10$$

$$\sqrt{5-4x} = \frac{-10-x}{-1} = 10+x$$

$$(\sqrt{5-4x})^2 = (10+x)^2$$

$$\frac{5-4x}{-5+4x} = \frac{100+20x+x^2}{-5+4x}$$

$$0 = 95 + 24x + x^2$$

$$(5+x)(19+x) = 0$$

$$5+x=0 \quad \text{OR} \quad 19+x=0$$

$$x = -5$$

$$x = -19$$

$x = -5$ $x - \sqrt{5-4x} = -10$

$$-5 - \sqrt{5-4(-5)} = -10$$

$$-5 - \sqrt{5+20} = -10$$

$$-5 - \sqrt{25} =$$

$$-5 - 5 = -10 = -10$$

$x = -19$

$$x - \sqrt{5-4x} = -10$$

$$-19 - \sqrt{5-4(-19)} = -10$$

$$-19 - \sqrt{5+76} = -10$$

$$-19 - \sqrt{81} = -10$$

$$-19 - 9 = -10$$

$$-28 \neq -10$$