

7.

Correct Answer

$$-\sqrt{26-11x+4} = x$$

$$\left(\sqrt{30-11x} = -x\right)^2$$

$$30-11x = x^2$$

$$-30+11x$$

$$x^2+11x-30=0$$

$$\frac{-11 \pm \sqrt{11^2 - 4(1)(-30)}}{2(1)} = \frac{-11 \pm \sqrt{121+120}}{2}$$

$$= \frac{-11 \pm \sqrt{241}}{2}$$