

$$X = \frac{-B \pm \sqrt{B^2 - 4AC}}{2A}$$

$$X = \frac{-1 \pm \sqrt{(1)^2 - (4)(2)(-115)}}{2(2)}$$

$$X = \frac{-1 \pm \sqrt{1 - (-920)}}{4}$$

$$X = \frac{-1 \pm \sqrt{921}}{4} \quad \sqrt{921} \approx 30.35$$

$$X = \frac{-1 + 30.35}{4} \quad \text{or} \quad X = \frac{-1 - 30.35}{4}$$

$$X = \frac{29.35}{4} \quad \text{or} \quad X = \frac{-31.35}{4}$$

$$X = 7.34 \quad \text{or} \quad X = -7.83$$