

Quadratics with $\sqrt{\text{Radical}}$ Answers**SOLVE** AND **CHECK** each Quadratic using Square Roots.

1)

$$\frac{x^2}{9} + 37 = 82$$

2)

$$\frac{(w - 6)^2}{4} = 11$$

3)

$$5 - (-3 - x)^2 = -76$$

4)

$$13 + 9(6n + 9)^2 = 121$$