

Solving Equations Quadratic in
Form

1. Solve each equation.
(similar to p.579 #14)

$$x^4 - 5x^2 - 36 = 0$$

2. Solve each equation.
(similar to p.579 #22)

$$(x + 5)^2 - 3(x + 5) - 28 = 0$$

3. Solve each equation.
(similar to p.579 #28)

$$x - 6\sqrt{x} - 16 = 0$$

4. Solve each equation.
(similar to p.579 #36)

$$14a^{-2} + 19a^{-1} = 3$$

5. Solve each equation.
(similar to p.579 #40)

$$w^{\frac{2}{3}} + w^{\frac{1}{3}} = 2$$

6. Solve each equation.
(similar to p.579 #46)

$$\left(\frac{1}{x+3}\right)^2 + \frac{7}{x+3} = 18$$