

14.6 Equations that are Reducible to Quadratic Equations

Name _____

$$9x^4 - 46x^2 + 5 = 0$$

$$s - 4\sqrt{s} - 5 = 0$$

$$t^{2/3} + t^{1/3} - 6 = 0$$

$$\sqrt{9x+31} - x = 5$$

$$\sqrt{6x+7} - \sqrt{3x+3} = 1$$

$$\sqrt{x+7} + 5 = x$$

$$z + \frac{4}{z} = -5$$

$$\frac{-4a}{a+12} = \frac{12}{a-18}$$