

14.1 Solving Quadratic Equations by Factoring or Taking Square Roots

Name _____

$$10x^2 - 7x - 4 = 8$$

$$x^2 - 14x + 49 = 0$$

$$3x^2 - \frac{5}{4}x = 7$$

$$\frac{12}{5}x^2 - x = \frac{28}{5}$$

$$\frac{1}{3}x^2 + \frac{5}{2}x - \frac{9}{2} = 0$$

$$2(x-3)^2 = 50$$

$$3(x+16)^2 - 54 = 0$$

$$x^2 - 12x + 36 = 81$$

$$x^2 - 14x + 49 = 12$$

$$25x^2 + 40x + 16 = 20$$