



Rosary School \ Marj Elhamam

Name : _____

Date: / 10 / 2025

Subject: Practice worksheet (3)

Grade: 8 ()

Solving quadratic equations

➤ **Solve each quadratic equation by factorising.**

a) $x^2 - 4x = 0$

b) $x^2 - 6 = 30$

c) $x^2 - 16 = 0$

d) $x^2 - 7x + 12 = 0$

e) $x^2 - 15x + 44 = 0$

f) $x^2 - 3x - 18 = 0$

g) $x^2 - 6x = 27$

h) $x^2 + 3x = 10$

i) $x^2 - x = 12$

j) $x^2 - 6x = 16$

k) $x^2 + 9x = -20$

l) $x^2 + 12x = -36$