

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Quadratic Equations

**Find the roots of the following quadratic equations by factorization:**

a.  $x^2 - 3x - 10 = 0$

b.  $\sqrt{2}x^2 + 7x + 5\sqrt{2} = 0$

c.  $48x^2 - 13x - 1 = 0$

d.  $10x - 1/x = 3$

e.  $2x/(x-4) + (2x-5)/(x-3) = 25/3$

f.  $X^2 + 2ab = (2a + b)x$