

Solve the Quadratic Equations  
by Factoring

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

**Solve the Quadratic Equations by Factoring**

**Worksheet # 1**

1.)  $4x^2 + 16x = 48$

2.)  $x^2 + 7x = -6$

3.)  $x^2 + 13x = -42$

4.)  $x^2 + 6 = 5x$

5.)  $8x^2 + 80 = -56x$

6.)  $x^2 = -x + 2$

7.)  $2x^2 + 84 = 26x$

8.)  $x^2 = 6x - 5$

9.)  $x^2 - 3x = 40$

10.)  $4x^2 + 168 = 52x$