

A2 | U2.6 Worksheet | Name: _____ **Hour:** _____

Solve the following equations.

1. $x^2 - 10x = -24$

5. $x^2 - 18 - 7x = -x + 9$

2. $x^2 - 24 = -5x$

6. $-2x^2 + 10 = -x^2 + 11x + 40$

3. $x^2 = -9x - 14$

7. $6x + 4x^2 = 42 + 5x^2 - 7x$

4. $16 + x^2 - 6x = 4x$

8. $-8x + 6 = x^2 + 15 + 2x$

A2 | U2.7 Worksheet | Name: _____ **Hour:** _____

Solve the following equations.

1. $6x^2 - x - 2 = 0$

5. $6x^2 + 12x - 12 = 5x - 9$

2. $5x^2 = -13x + 6$

6. $7x^2 - 10 = 33x$

3. $4x^2 + 9x - 7 = 2x - 5$

7. $9x^2 + 7x = -3x^2 + 6x + 1$

4. $x^2 - 9x + 1 = -x^2 + 6$

8. $-15 = 4x^2 + 23x$