

Name _____

Hour _____

Factor the following expressions completely.

1. $x^2 + 11x + 30$

2. $2x^2 + 3x - 20$

3. $6x^2 + 19x - 7$

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

Solve each equation.

5. $x^2 + 5x - 14 = 0$

6. $8x^2 - 2x = 3$

7. $7x^2 + 9x + 2 = 0$

8. $31x - 24 = 10x^2$