

Name: _____

Factoring Quadratic Expressions Problem Set

Hour: _____

Instructions: Factor each expression. Make sure to show your work.

1. $x^2 + 8x + 7$

6. $-2x^3 - 2x^2 + 112x$

2. $m^2 + m - 90$

7. $3x^2 - 2x - 8$

3. $k^2 - 13k + 40$

8. $3x^2 + 10x - 8$

4. $v^2 + 99v - 100$

9. $2x^2 - 21x - 36$

5. $x^2 + 3x + 2$

10. $-2x^2 + 3x + 9$

$11. 9x^2 - 3x - 12$

$16. -2x^2 + 5x$

$12. x^2 + 9x + 20$

$17. -2x^2 + 5x - 2$

$13. 3x^2 + 27x + 60$

$18. 4x^2 - 12x + 9$

$14. 4x^2 + 9x + 5$

$19. -16k^2 - 126k + 162$

$15. 3x^2 - 2x - 5$

$20. -14x^2 + 58x + 60$