

## Factoring Quadratics (D)

Factor each expression

- |     |                    |     |                    |
|-----|--------------------|-----|--------------------|
| 1.  | $4x^2 + 32x + 64$  | 11. | $x^2 - 4x - 5$     |
| 2.  | $-2x^2 - 5x + 18$  | 12. | $4x^2 - 14x + 6$   |
| 3.  | $-2x^2 + 6x + 8$   | 13. | $2x^2 + 9x + 4$    |
| 4.  | $-x^2 - 13x - 42$  | 14. | $-x^2 - 5x + 14$   |
| 5.  | $2x^2 - 15x - 27$  | 15. | $x^2 - 4$          |
| 6.  | $2x^2 + 8x - 42$   | 16. | $x^2 - 9x + 20$    |
| 7.  | $-2x^2 - 12x + 54$ | 17. | $4x^2 + 4x - 8$    |
| 8.  | $4x^2 - 81$        | 18. | $-2x^2 + 16x - 30$ |
| 9.  | $x^2 - 2x - 15$    | 19. | $-4x^2 + 16x - 7$  |
| 10. | $2x^2 - x - 36$    | 20. | $4x^2 + 18x + 18$  |