

Algebra 2
Factoring Extravaganza!!

Name: _____
Period: _____

Factor completely.

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|----------------------|----------------------------|----------------------|----------------------------|
| 1. $x^2 - 4x - 32$ | 2. $3n^2 - 8n + 4$ | 3. $3x^2 - 20x + 28$ | 4. $5p^2 + 19p + 12$ |
| 5. $x^2 - 100$ | 6. $12x^2 - 8x$ | 7. $4h^2 - 17h + 4$ | 8. $x^2 - 7x + 12$ |
| 9. $4x^2 + 14x + 12$ | 10. $16b^2 + 60b - 100$ | 11. $6y^2 + 7y - 24$ | 12. $7a^2 + 53a + 28$ |
| 13. $4x^2 - 24x + 9$ | 14. $15y^4 + 26y^3 + 7y^2$ | 15. $16x^2 - 9$ | 16. $15d^2 - 27d - 6$ |
| 17. $81 - 36x^4$ | 18. $16r^2 - 16r - 12$ | 19. $x^2 + 25$ | 20. $24x^5 + 10x^4 - 4x^3$ |

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