

Name: _____

Date: _____

Polynomials

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|---|------------------------------|
| 1. $(x + 3) + (x - 2)$ | A. $x^2 - 3$ |
| 2. $(5x^2 - 3) + (2x^2 - 3x^3)$ | B. $2x^4 + 9x^3$ |
| 3. $(x^3 - 2x^2) - (3x^2 - 4x^3)$ | C. $-2x^5 + 10x^4 + 5x + 14$ |
| 4. $(4 + 2x^3) + (5x^3 + 2)$ | D. $4x^5 - 15x^3 - 11x - 1$ |
| 5. $(4x - 3x^3) - (3x^3 + 4x)$ | E. $7x^3 + 6$ |
| 6. $(3x^2 + 1) - (4 + 2x^2)$ | F. $5x^5 + 23x^2 - 11x$ |
| 7. $(4x^3 + 3x^4) - (x^4 - 5x^3)$ | G. $-6x^3$ |
| 8. $(-4x^4 + 14 + 3x^2) + (-3x^4 - 14x^2 - 8)$ | H. $8x^2 + 26x + 6$ |
| 9. $(3 - 6x^5 - 8x^4) - (-6x^4 - 3x - 8x^5)$ | I. $24x^2 + 13x - 7$ |
| 10. $(13x^2 + 11x - 2x^4) + (-13x^2 - 3x - 6x^4)$ | J. $12x^2 + 14x + 2$ |
| 11. $(-7x^5 + 14 - 2x) + (10x^4 + 7x + 5x^5)$ | K. $5x^3 - 5x^2$ |
| 12. $(7 - 13x^3 - 11x) - (2x^3 + 8 - 4x^5)$ | L. $16x^2 - 18x + 5$ |
| 13. $(13x^2 - 6x^5 - 2x) - (-10x^2 - 11x^5 + 9x)$ | M. $6x^2 - 20x + 6$ |
| 14. $2x(-2x - 3)$ | N. $-8x^4 + 8x$ |
| 15. $(2x + 2)(6x + 1)$ | O. $-7x^4 - 11x^2 + 6$ |
| 16. $(4x + 1)(2x + 6)$ | P. $30x^2 - 8x - 64$ |
| 17. $(x - 3)(6x + 2)$ | Q. $+9$ |
| 18. $(8x - 2)(6x + 2)$ | R. $48x^2 + 4x - 4$ |
| 19. $(6x + 8)(5x - 8)$ | S. $-3x^3 + 7x^2 - 3$ |
| 20. $(3x - 1)(8x + 7)$ | T. $2x + 1$ |
| 21. $(2x - 1)(8x - 5)$ | U. $2x^5 - 2x^4 = 3x + 3$ |
| 22. $12x^2 - 3x$ | V. $-4x^2 - 6x$ |