

Adding Polynomials

Unit 2A: Quadratic Functions - Representations

Simplify each of the given sums.

1. $(8p^4 + 8 + 2p^3) + (3p^4 - 4p^3 - 3)$	2. $(4 - 3x^2 - 6x^3) + (6x^3 + 6 - 3x^4)$
3. $(6 + 3x^3 + 4x) + (x^4 + 4x + x^3)$	4. $(2v^4 + 3 - 7v^3) + (2v^3 - 7v^4 + 6)$
5. $(8b^2 - 8b - 2) + (6b + 8b^2 + 6)$	6. $(4m^4 - 6m^2 - 7) + (8m^2 + 2 - 4m^4)$
7. $(3a - 4 - 8a^3) + (7 - 3a - 7a^3)$	8. $(8 + 7n^2 + 3n) + (3n^4 + n^2 - 6)$
9. $(5 + 7x^4 - x^2) + (5x^3 - 3 + 4x^2)$	10. $(7p + 5p^3 + 5) + (2p^3 - 6 + 7p)$

11. $(5n + 3n^4 - 8) + (4n^3 - 3n - n^4)$	12. $(m + 5m^3 - 5m^4) + (m^4 - 3 + 4m^3)$
13. $(8a^3 - 3 - 4a^4) + (5 - 3a^3 - 6a^4)$	14. $(2r^4 - 2r - 1) + (6 - 6r - 7r^4)$
15. $(a + 2a^3 + 7a^4) + (8 - 4a^3 - 4a)$	16. $(7b^3 - 2b^4 + 4b^2) + (8b^3 - 2b^4 + 5b^2)$
17. $(2x^4 + 2x - 5x^2) + (5x^4 + 7x + 7x^2)$	18. $(8x^2 - 2 + 2x^3) + (4x^3 + x^2 + 2)$
19. $(6n^4 + 4n^2 + 8n^3) + (6n^2 + 6n^4 - 5)$	20. $(4x - 7 - 5x^4) + (2 - 2x^4 + 3x)$