Subtracting Polynomials

Unit 2A: Quadratic Functions - Representations

Simplify each of the given differences.

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

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