

Adding and Subtracting Polynomials

Simplify each expression. Make sure that your solution is in standard form.

1) $(-4v^2 + 8v^4) + (4v^2 + 4v^4)$

2) $(6x^4 + 4x^2) - (4x^4 - 4x^2)$

3) $(-8n^4 - 1) - (8 - 4n^4)$

4) $(5x - 2x^4) - (8x + 7x^4)$

5) $(2 - 7m) - (-7 - 2m^2)$

6) $(x^4 - 7) - (6 + 2x^4)$

7) $(-6 + x^4 + 7x^2) + (7x^2 - 6x^4 - 3)$

8) $(-7n^2 - 5 + 6n^3) - (6 + 6n^4 + n^2)$

9) $(-8b^4 - 4b - 1) + (-5b^4 - 5b + 2)$

10) $(5b^4 - 6b - 5) - (-4b + 8b^4 - 6)$

11) $(4p^2 - 2 - 6p^3) - (3 + 8p^3 + 2p^2)$

12) $(-3 + 4n^3 + 5n^4) + (-5n^4 - 4n^3 - 6)$