

Adding and Subtracting Polynomials

Simplify each sum or difference.

1) $(5n^3 + 5n^2) + (8n^2 - 8n^3)$

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

3) $(6 + 6n) + (3n - 7)$

4) $(2 + 5b) - (8 + 7b)$

5) $(3p - 5p^3) - (5p - p^3)$

6) $(8 + 2p) - (7p + 5)$

Simplify each sum or difference.

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

8) $(5 - 6x + 3x^2) + (7x - 1 - 8x^4)$

9) $(6r + 4r^2 + 3r^4) - (4r^4 + 4r + 7)$

10) $(3 - 3x - 7x^2) - (x^2 - 2x - 5)$