

Simplify each polynomial expression

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

2.  $(-3x^2 - 4x) - (2x^2 + 4) + (2x + 5)$

3.  $(-2x^2 - x) - (-6x^2 + x) - (8x + 4x^2)$

4.  $(4 + x^4) + (-2x^4 + 3) + (3x^4 + 8)$

5.  $(3x^2 - 5x^3) - (-2x^2 - 6x^3) - (-8x^2 - 5x^3)$

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

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

8.  $(3x + 3x^4) + (5 - 7x^4) + (5x^4 + 8x)$

9.  $(-3x + 3x^2) - (-2 - 6x^2) + (7 + x^2)$

10.  $(-4x + 5x^4) + (-2x^2 + 6x^4) + (8x^4 + 3x^2)$

11.  $(6 + 7x) + (-2x + 7x^3) - (8 + 6x)$

12.  $(2 + 7x^3) - (6x^3 - 5x^4) + (-4 - x^3)$