

Name : _____

Simplifying Polynomial Expressions

ES5

Simplify each expression.

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

2) $7s^6 - 5s^8 + 2s + 3s^8 - 15$

3) $-2r^2 + 14r^5 + 7(r^7 - 4r^2)$

4) $8z(z^2 + 2) - 7z + 9$

5) $7 + c^6(2c^3 +$

$- 5(d^3 - 4)$

7) $8(4 + 2y - 6)$

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

9) $3(m^2 - 2m^4)$

$- 2p^3 + 5p^2 + 12$

11) $5(a^2 - 5a^7) + 6(3a^2 + 5a^7)$

12) $g(6 - 7g^9 + 11g^6 - 16)$

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