

Name : \_\_\_\_\_

## Simplifying Polynomial Expressions

MS3

Simplify each expression.

1)  $16 + 5(7a^7 + 3a^8) - 6a(5a^8 - 2a^7) - 6$

2)  $(5n^3 + 4n^2)(7n^2 - 9n^3)$

3)  $(z - 2)(12z^2 - 9z^2)$

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

5)  $2(5m^2 - 13m^4)$

6)  $2(8s + 7) + 4(19s - 7)$

7)  $\frac{2}{3}(6x^2 + 6x^3 - 9x^4)$

8)  $+ 2x^7 - 6x^7 + 6x^5$

9)  $18b^7 + 2(4b^6 - 3b^6) - 6b(3b^6 + 8) + 48b - 8$

10)  $12q(5q^3 + 6q - 2q^4) - (11q^5 - 4q^4)$

# PREVIEW

Gain complete access to the largest  
collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)