

Name : _____

Simplifying Polynomial Expressions

MS4

Simplify each expression.

1) $\frac{7}{5}(5p^7 + 10p^8) - 6p(5p^7 - 2)$

2) $(8r^3 + 3r^2)(7r^2 - 9r^3)$

3) $(5x - 2)(3x^2 + 9x^3 - 11x^4)$

4) $\frac{24}{10z^2 + 5z^3} - 7(z^2 + 6)$

5) $3(-4y^2 - 13y^4 - 2)$

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

$- 7(8t^2 + 7t^3)$

7) $\frac{9}{4}(6d^2 - 8d^4) + \frac{3}{4}$

Members, please
log in to
download this
worksheet.

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

$^9 + 6q^6)$

www.mathworksheets4kids.com

9) $14m^7 + 2(4m^6 - 3m^7) + 16$

10) $\frac{5}{2}n(4n^4 + 6n - 2n^9) - 5n^5$