

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

## Simplifying Expressions: Exponents

ES5

Simplify each expression.

1)  $\frac{30n^3}{6n^6}$

2)  $(y^4)(8y^5)$

3)  $(4v^9)(3v^6)$

4)  $12b^4$

5)  $\frac{7x^5}{14x}$

7)  $(4r^5)(5r^5)$

9)  $\frac{16z^7}{8z^4}$

10)  $(w^3)(w^8)$

# 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)

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

**Answer key**

**Simplifying Expressions: Exponents**

ES5

Simplify each expression.

1)  $\frac{30n^3}{6n^6}$

$\frac{5}{n^3}$

2)  $(y^4)(8y^5)$

$8y^9$

3)  $(4v^9)(3v^6)$

$12v^{15}$

4)  $12b^4$

**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)

5)  $\frac{7x^5}{14x}$

$\frac{1}{2}x^4$

7)  $(4r^5)(5r^5)$

$20r^{10}$

9)  $\frac{16z^7}{8z^4}$

$2z^3$

10)  $(w^3)(w^8)$

$w^{11}$