# Laws of Exponents Worksheets
## Product Rule

Simplify.

$3^2 \times 3^6 =$

$4^2 \times 4^9 =$

$8^2 \times 8^0 =$

$7^3 \times 7^{11} =$

$6^5 \times 6 =$

$2 \times 2^3 \times 2^6 =$

$x^9 \times x^4 =$

$y^2 \times y^7 =$

$b \times b^5 =$

$x^3 \times x^4 =$

$w^4 \times w =$

$x^2 \times y^3 \times x^4 =$

# Laws of Exponents Worksheets
## Product Rule

Simplify.

$3^2 \times 3^6 = 3^9$

$x^9 \times x^4 = x^{13}$

$4^2 \times 4^9 = 4^{11}$

$y^2 \times y^7 = y^9$

$8^2 \times 8^0 = 8^2$

$b \times b^5 = b^6$

$7^3 \times 7^{11} = 7^{14}$

$x^3 \times x^4 = x^7$

$6^5 \times 6 = 6^6$

$w^4 \times w = w^5$

$2 \times 2^3 \times 2^6 = 2^{10}$

$x^2 \times y^3 \times x^4 = x^6 y^3$