

Name: _____ Date: _____

Exponent Algebra

Simplify the expression.

$$(2x^5y)(3x^4+y^7)$$

$$(2y^4)^3(5y^6)^2$$

$$x^4 \cdot x^7$$

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

$$(3a^2b^6)^2(3a^{10}b^4)^3$$

$$(8k^2j^{12})^2(4k^{-4})^3$$

$$(156u^{24}w^{40})^0$$

$$a^{-5} \cdot a^{-11}$$