

What happens when there are different bases? Or Coefficients?

EX #2:

$2x^3 \cdot 4x^5$

$-6x \cdot 3x^8$

EX #3

$-x^4 \cdot 2y^5 \cdot 3x^3$

$6x^{-2} \cdot 4y \cdot x^6$

Practice:

A.  $2a^5 \cdot -5b^4 \cdot 3a^2$

B.  $d^6 \cdot 2e \cdot 3d^{-1}$

C.  $3x^{-3} \cdot 4x \cdot x^7$

## Powers with Negative Bases

EX #1:

$(-2)^6 =$

$-3^4 =$

Practice:

A.  $-5^4$

B.  $(-6)^2$

C.  $-3^{-3}$