Exponent Rules

Addition/Subtraction

Multiplication/Division

Exponent Rules

Raise to a power

Distribute a power
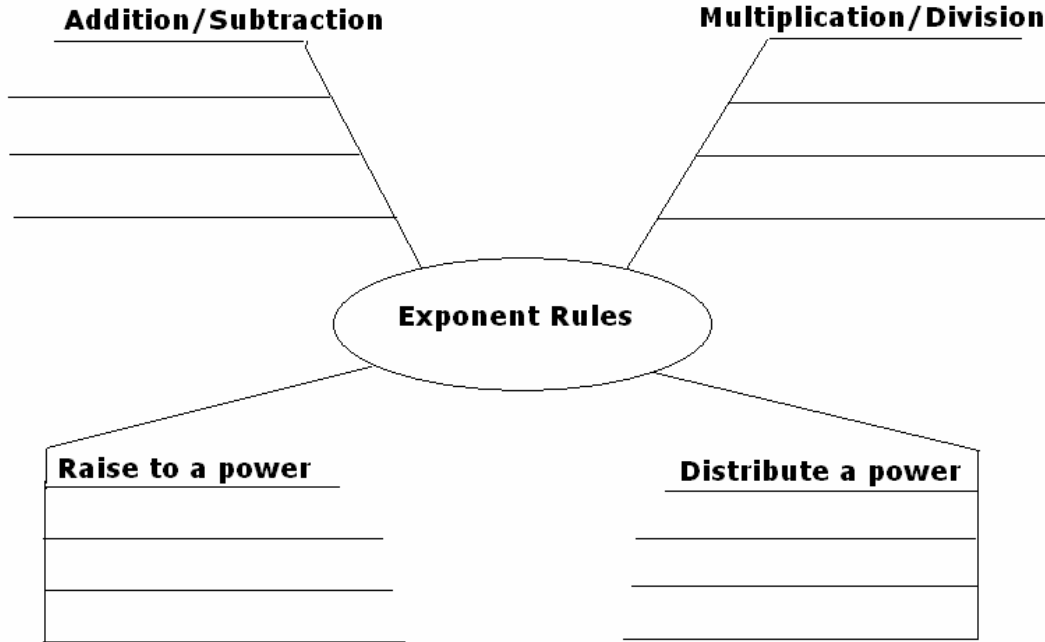
Write phrase or letter where it belongs. Each may belong to more than one place.

A. Base <u>and</u> exponent must match.
B. Exponents are added/subtracted
C. Coefficients' exponents are multiplied.
D. $(5r^2st^4)^2 =$
E. Bases must match.
F. There is only one base.
G. Coefficients are multiplied/divided.
H. $4x^3y * 2xy^2 =$
I. Everything becomes a base.
J. $a^2 + 3a^2 =$
K. Coefficients are added/subtracted.
L. Exponents are not changed
M. $(m^2)^3 =$
N. Exponents are multiplied.