

DEFINITION

Two or more terms, each with the same variables, to the same exponent or with the same function applied.

CHARACTERISTICS

- Any variables must be identical
- If variables are multiplied, the order listed doesn't matter
- If exponents or other functions are used, then the same exponent or function must be used.

Like Terms

EXAMPLES

$2x, 3x$

$2y, 3y$

$5, -2$

$d, 3d$

$2y^2, 3y^2$

$-2y^2, 3y^2$

$\frac{2}{3}x, \frac{4}{5}x, x$

$3a^4, 5a^4$

$\frac{3}{5}a^2b, \frac{1}{5}a^2b$

$3ab, 5ab$

$3ba, 5ab$

NON-EXAMPLES

$2x, 3y$

$2y, 3y^2$

$5x^2, 6x^3$

$3a, 5b$

$3a^2b, 5ab^2$