Algebra Vocabulary

代数词汇
**TERM** in an algebraic expression:
A number, a variable, or a product or quotient of numbers and variables.

數式中的項
數字、变量或數字与变量的乘积或商。

$3, r, t^3, 45, ab, xy^2z, 2s, 4p, \frac{p}{4}$
VARIABLE
A letter or other symbol used to represent an unspecified number or value.

变量
用来表示未指定的数或值的字母或其他符号。

\( f, g, m, r^4, kj, mn, ab^2c, \lambda, \sigma \)
COEFFICIENT
The numerical factor of a term.

系數
项的數字因素。
When there is NO number written in front of a variable, the coefficient is "1".

\[ x^2y \]

coefficient
CONSTANT
A term that does not contain a variable.

常數
不含变量的项。

$5a + 4b - 8$
Identify the terms, variables, coefficients, and constants in the algebraic expression.

The coefficients are: 4 and -8
The variables are: a and b
The constant is: -5

There are 3 terms:
4b, -8a, and -5
Identify the terms, variables, coefficients, and constants in the algebraic expression.

\[6ab - y + 7\]
Identify the terms, variables, coefficients, and constants in the algebraic expression.

The coefficients are: 6 and -1
The variables are: a, b and y
The constant is: 7

There are 3 terms:
6ab, -y, and 7