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Elements of an expression

Vocabulary Variables	Definition * Variables are _____ that represents _____.
How to find it Look for <u>letters</u> like x, y, z, a, b, c,...	Example Expression: $2y-3x+5$ Variables:

Vocabulary Terms	Definition * Terms are the parts of an expression that are being _____ or _____.
How to find it Look for _____ of an expression that are separated by "+" or "-".	Example Expressions: $2x+4y-8-c$ Terms:

Vocabulary Coefficients	Definition * Coefficients are _____ multiplied by _____. * Coefficient takes the _____ in front of it. * If an coefficient is not written it is invisible _____.
How to find it Look for _____ in front of variables.	Example Expression: $2x-8-c$ The <u>coefficient</u> of $2x$ is _____. The <u>coefficient</u> of $-c$ is _____.

Vocabulary Constant	Definition * Constants are the _____ in an expression <i>without</i> _____. * Take the _____ in from of it.
How to find it Look for TERMS of an expression that have NO variable.	Example Expression: $2x-8-c$ The <i>constant</i> of the expression is _____.

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DO NOW!

1. Identify **terms** of algebraic expressions.

	Expressions	# of Terms	List Terms
(1)	$3x+2y+4z+8$	_____	_____
(2)	$5y+6z$	_____	_____
(3)	c^4	_____	_____
(4)	$9x^2 - 4$	_____	_____
(5)	$6j^4 + 5f^5 + 11$	_____	_____
(6)	$7b-1$	_____	_____
(7)	9	_____	_____

2. Identify the **terms, coefficient, variable, exponent, and constant** as indicated.

	Expression	Coefficient/s	Variable	Exponent	Constant
(1)	$2k - 5$	_____	_____	_____	_____
(2)	$5y+6z$	_____	_____	_____	_____
(3)	$n^3 + 23$	_____	_____	_____	_____
(4)	$5(-n)^3$	_____	_____	_____	_____
(5)	$12q^2 + q - 2$	_____	_____	_____	_____
(6)	$\frac{4}{5}r^2 - 3^2$	_____	_____	_____	_____