

Communicate with Algebra

Lesson:

number letters

Task #1: For each term, identify the coefficient and the variable(s).

	a) $4x$	b) $-5p^4$	c) $3m^2n$	d) $1g^3h^2$
Coefficient:	4	-5	3	1
Variables:	x	p	m & n	g & h

Task #2: Fill-in the following information for each polynomial.

	a) $2x + 1$	b) $3p^2 - p + 4$	c) $4b^{2+3}$	d) $6 + gh^5$
# of Terms:	2	3	1	2
Name:	binomial	trinomial	monomial	binomial
Degree of Each Term:	2, 1 ↓ 1, n/A	(p ²), (p ¹), (4) ↓ 2, 1, n/A	2+3 = 5	g ¹ h ⁵ + 6 = 6 n/A, 6
Degree of Polynomial:	1	2	5	6

Practice:

#1. For each term, identify the coefficient and the variable(s).

	a) $-2y^5$	b) $-p^4q^5$	c) $(3/4)ab$	d) $0.6r^4s^2$
Coefficient:	-2	-1	3/4	0.6
Variables:	y	p & q	a & b	r & s

#2. Fill-in the following information for each polynomial.

	$2 - y^5 - y^2 + 4y$	$x^2 - y^2 + 4$	$ab^1 - b^1$	$6p^3q^3$
# of Terms:	4	3	2	1
Name:	polynomial	trinomial	binomial	monomial
Degree of Each Term:	n/A, 5, 2, 1	2, 2, n/A	2, 1	6
Degree of Polynomial:	5	2	2	6