

Warm Up - October 2nd

1) Write an expression with two terms, a coefficient of -4 and a constant of 3.

↳ # without a variable

↙ # in front of variables (letters)

$$-4x + 3$$

$$-4y + 3$$

~~$$4x + 3y + 3$$~~

2) Write an example of a linear monomial.

highest exponent is 1

↳ 1 term

$$2x^1 \checkmark$$

$$9x^1 \checkmark$$

$$-2x^1 \checkmark$$

~~$$-2x^0$$~~

~~$$10x^0$$~~

3) Write an example of a cubic binomial.

highest exp is 3

↳ 2 terms

$$6x^3 - 9 \checkmark$$

~~$$5x^2$$~~

~~$$2x^2 + 7$$~~

$$4x^3 + 9x \checkmark$$

4) Write an example of a quadratic trinomial.

highest exponent is 2

↳ 3 terms

~~$$6x^2 + 4x$$~~

~~$$10x^2 + 5x + 3$$~~

$$3x^2 + 3x + 3 \checkmark$$

$$-x^2 + 3x - 24 \checkmark$$

Unit 4 Day 1 Practice
Identify the Parts of an Expression

Name _____

Date ___/___/___

Period _____ Score _____

Eighth Grade - Pre-Algebra - Identify Parts of Expression - WKS-05

complete the circled problems

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

	Expression	# of Terms	List Terms
1.	8	1	8
2.	12a		
3.	7b - 1	2	7b, -1
4.	c ⁴		
5.	3d ² + 5d - 6	3	3d ² , 5d, -6
6.	9e ³ - 4	2	9e ³ , -4
7.	f ⁵	1	f ⁵
8.	2g ³ + 4g ² - 5g - 3	4	2g ³ , 4g ² , -5g, -3
9.	$\frac{2}{3}h^2 + 5h - 7$	3	$\frac{2}{3}h^2$, 5h, -7
10.	6j ⁴ + 5j ² + 11		

	Expression	Coefficient/s	Variable	Exponent	Constant
11.	2k - 5	2	k	1	-5
12.	m + 23	1	m	1	23
13.	n ³ + 6	1	n	3	6
14.	7p ² - 18	7	p	2	-18
15.	12q ² + q - 2	12, 1	q	2, 1	-2
16.	$\frac{4}{5}r^2 - (3)^2$				
17.	8s ² - 3s - $\frac{1}{2}$	8, -3	s	2, 1	$-\frac{1}{2}$
18.	5(-t) ³				
19.	6u ³ + 5u ² - 3u + 4	6, 5, -3	u	3, 2, 1	4
20.	4v ² - 4v + 4	4, -4	v	2, 1	4

