

Polynomials



Name _____

Directions: Write each expression in Standard Form. Complete the table.

	Standard Form	Classify by Degree	Classify by # of Terms	Solve
1.	$4 - 5x$	2.	3.	4. Let $x = 5$
5.	$16 - 4a + 3a^2 - a^4$	6.	7.	8. Let $a = -4$
9.	-7	10.	11.	12. Let $x = 6$
13.	$3z^2 + 6z + 1$	14.	15.	16. Let $z = 12$
17.	$2b^2 - 4b^3 + 7$	18.	19.	20. Let $b = 8$
21.	$15y - 6 + 10y^3 - 3y^2$	22.	23.	24. Let $y = -7$
25.	$14w^2 + 9w^4$	26.	27.	28. Let $w = -2$
29.	$5x$	30.	31.	32. Let $x = 4$
33.	$-2x + 7 - x^2$	34.	35.	36. Let $x = -3$