

Grade 9 Math

– Polynomial Vocabulary Practice

1. Identify which part is the variable and numerical coefficient by filling in the following table with “A” or “B”.

The diagram shows the expression $8x^2$. A blue arrow labeled 'A' points to the '8', and another blue arrow labeled 'B' points to the x^2 .

	A or B?
Variable	
Numerical Coefficient	

2. How many terms does each expression have?

<i>Expression</i>	<i>Number of terms</i>
$7x - 8$	
$3xy$	
$5x^2 + 2x + 7$	

3. Label each expression as a monomial, binomial, or trinomial.

<i>Expression</i>	<i>Label</i>
$3x + 9$	
$2xy + 8$	
$5x^2 + 3x - 8$	
$8xy + 2y + 5$	
$-3y$	
$12x + 1$	
$10xy^2$	