

## 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  $8x^2$  centered at the top. A blue arrow points from the letter 'A' on the left to the number '8'. Another blue arrow points from the letter 'B' on the right to the  $x^2$  part of the expression.

	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.

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