

Wisdom Lane Middle School
Name: _____
Teacher: Mr. Tomeo

Homework #3

Date: _____
Period: _____

Evaluating Algebraic Expressions 2

Evaluate each of the following algebraic expressions when $x = 5$ and $y = -3$.

1. $3x + 7y$	
2. $7x - 6y$	
3. $-8xy$	
4. $5x^2y$	
5. $\frac{5x}{3y + 4xy}$	
6. $x^3 + y^2$	
7. $x^2 - y^2$	
8. $4xy - 5xy^2$	

9.	$\frac{(x+y)(x-y)}{(x-y)}$	
10.	$3x^2 - 2xy$	
11.	$\frac{-4x}{2x+5y}$	
12.	$ x-y $	
13.	$(x+y)^2$	
14.	$x^2 + 2xy + y^2$	
15.	$(x+y)(x-y)$	
16.	$x(x+y)$	