

Math 002
Algebra Review 2

Name: _____
Date: _____

Complete the following problems on a separate sheet of paper. Demonstrate your understanding of the processes involved by showing all work

For problems 1-6, complete the table:

	Inequality	Interval Notation	Number Line Graph
1.	$\{x 0 < x < 5\}$		
2.		$[4, 6)$	
3.	$\{x x \geq -2\}$		
4.		(p, ∞)	
5.	$\{x -3 > x\}$		
6.		$(x, x + h]$	

Simplify the following expressions by using exponents.

7. $3 * 3 * 3 * 3$

8. $x * x * x * x * x * x * x * x$

9. $2^2 * 2^5$

10. $y^4 * y$

11. $a^3 * a^0$

Write the following without exponents

12. 5^4

13. x^5

14. $(2x)^2$

15. y^0