Last Name: First Name:	**Understanding Exponents** **Instructions:** Follow the example to answer the questions

Rewrite as multiplication	**Rewrite as exponential notation--use the symbol on top of the key number 6 (^)**
1. (Example) 5^4 = 5x5x5x5	6. (Example) 6x6x6x6 =6^4
2. 3^2 =	7. 7x7x7x7x7x7 =
3. 2^5 =	8. 3x3x3x3x3x3x3=
4. 5^3=	9. 2x2x2x2=
5. 7^5 =	10. 5x5=

Solve the problems	**Rewrite as exponential notation**
11. (Example) 5^3 = 125	16. (Example) What is 4 cubed?= 64
12. 6^2 =	17. What is 3 to the power of two? =
13. 2^5 =	18. What is 6 to the power of two? =
14. 7^3=	19. What is 5 cubed?=
15. 25^2 =	20. What is 8 cubed?=
	21. What is 1 to the power of 23? =
	22. Want is zero to the power of 45?=

My grade is _____