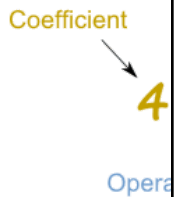
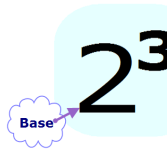
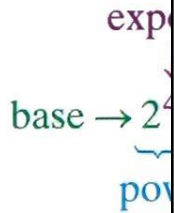


Chapter 1 Connections to Algebra

Directions: To begin Chapter 1 Unit of Study: *Connections to Algebra*, p.2-56, we will examine the **thirteen vocabulary terms** of the unit. You will define each vocabulary word in your own words. To define, you will use the glossary in the *Algebra* textbook p. 815-821 and a source online to create a definition for the word in your own words. (You need to use two sources) You will also include an example and picture that helps you make sense of the word or make a connection that you understand. **Some sources to use:** Your Algebra Textbook and...[Math Glossary](#) or [Math is Fun](#) or [Math Dictionary for Kids](#)
Spanish Version: [Disfrutas las matematicas](#)

REMEMBER TO MAKE A COPY OF THIS. DO NOT WRITE ON THIS DOCUMENT!

Vocabulary Word	Definition	Example	Picture or Connection
1. variable	A symbol or letter for a number or answer we don't know yet. It is usually a letter like x or y.	Example: $x + 2 = 6$ x is the variable.	
2. expression of power			
3. exponent			
4. base of power			
5. order of			

operations															
6. equations															
7. solution of the equation	A value or values which, when substituted (put in place of the x or y) for a variable in an equation , makes the equation true.	The solutions to the equation $x^2 = 4$ are 2 and -2.	$5x + 6 - 2x + 10$ $3x + 16 = 6x + 1$ $3x + 16 - 16 = 6x + 1 - 16$ $3x = 6x - 6$ $3x - 6 = 6x - 6x$ $-3x = -6$												
8. inequality															
9. function															
10. input-output table	This is a table that shows the output values for a number of different inputs. The table is used to describe functions by listing the inputs and outputs		<table><tr><th>Input (x)</th><th>Output (y)</th></tr><tr><td>0</td><td></td></tr><tr><td>1</td><td></td></tr><tr><td>2</td><td></td></tr><tr><td>3</td><td></td></tr><tr><td>4</td><td></td></tr></table>	Input (x)	Output (y)	0		1		2		3		4	
Input (x)	Output (y)														
0															
1															
2															
3															
4															
11. domain															
12. range															
13. evaluate		Evaluate the following expression: $3 + 4 \times 2$	