

Unit 13		Order of Operations																								
Objective #	Enter Each Objective Below	Basic Example	Intermediate Example	Advanced Example																						
13-1	I can solve equations using addition, subtraction, multiplication, and division.	5 x 3 = 15																								
13-2	I can solve equations with two mathematical operations.	6-3+3=6																								
13-3	I can solve equations with two or more mathematical operations (addition and subtraction) with parenthesis	(6+2)-2=6																								
13-4	I can solve equations with two or more mathematical operations (multiplication and division) with parenthesis	3+(2x5)	2 + [4 + (5 x 6)]																							
13-5	I can solve equations with two or more mathematical operations	5x1+3-2	10-3x2÷6+1	[(4 x 3) ÷ 2] + 3} x 6 120 – 40 ÷ 4 x 6																						
13-6	Write simple expressions that show calculations with numbers	1. Find the sum of 9 and 4. 2.Find the difference of 10 and 2. 3. Find the product of 8 and 4. 4.Find the quotient of 24 and 12.	Add 91, 129, and 16, and then divide by 44.	Danielle has a third of the amount needed to pay for her choir trip expenses. Does the expression (77 + 106 + 34) ÷ 3 show how you could calculate the amount of money Danielle has? Explain <div><div>Choir Trip Expenses</div><div>Train ticket \$77 Hotel \$106 Meals \$34</div></div>																						
13-7	I can write simple expressions that show calculations with more than one mathematical operation	Find the difference of 8 and 7 and add the sum of 9 and 6.	Add 49 to the quotient of 125 and 5	Multiply 2/3 by 42, and then multiply that product by 10.																						
13-8	Interpret numerical expressions without evaluating them	Without doing any calculations, describe how Expression A compares to Expression B. A 8 x (41,516 – 987) B 41,516 – 987	Without doing any calculations, describe how Expression A compares to Expression B. A (284 + 910) ÷ 30 B (284 + 7,816) ÷ 30	Without doing any calculations, describe how Expression A compares to Expression B. A (418 x 1/4) + (418 x 1/2) B 418 x 3/4																						
13-9	Use reasoning to solve problems by making sense of quantities and relationships in the situation.	You walked 20 miles last week and 22 miles this week. Your best friend walked 3 times LESS the distance you walked. Write an expression and solve for the distance that your best friend walked. Label your answer too. <table><tr><th>Product</th><th>Price</th></tr><tr><td>1 Loaf of Bread</td><td>\$6</td></tr><tr><td>1 Dozen Dinner Rolls</td><td>\$9</td></tr></table>	Product	Price	1 Loaf of Bread	\$6	1 Dozen Dinner Rolls	\$9	The table below shows the prices charged by a bakery for bread and rolls. You bought 4 loaves of bread and 7 dozen rolls for your dad’s restaurant. Write an expression for the total amount and evaluate the expression to find the total spent. Label your answer too. <table><tr><td>Apricots</td><td>\$1.65/pound</td></tr><tr><td>Blueberries</td><td>\$1.99/pint</td></tr><tr><td>Cantaloupes</td><td>\$2.99 each</td></tr><tr><td>Strawberries</td><td>\$3.75/quart</td></tr></table>	Apricots	\$1.65/pound	Blueberries	\$1.99/pint	Cantaloupes	\$2.99 each	Strawberries	\$3.75/quart	You bought 18 pounds of apricots for \$1.65 a pound. You also bought 13 quarts of strawberries for \$3.75 per quart. You had a coupon for \$1.50 off your purchase. Write an expression for the total amount and evaluate the expression to find the amount you spent. Label your answer too. <table><tr><td>Apricots</td><td>\$1.65/pound</td></tr><tr><td>Blueberries</td><td>\$1.99/pint</td></tr><tr><td>Cantaloupes</td><td>\$2.99 each</td></tr><tr><td>Strawberries</td><td>\$3.75/quart</td></tr></table>	Apricots	\$1.65/pound	Blueberries	\$1.99/pint	Cantaloupes	\$2.99 each	Strawberries	\$3.75/quart
Product	Price																									
1 Loaf of Bread	\$6																									
1 Dozen Dinner Rolls	\$9																									
Apricots	\$1.65/pound																									
Blueberries	\$1.99/pint																									
Cantaloupes	\$2.99 each																									
Strawberries	\$3.75/quart																									
Apricots	\$1.65/pound																									
Blueberries	\$1.99/pint																									
Cantaloupes	\$2.99 each																									
Strawberries	\$3.75/quart																									