Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**What is a Math Lab? (Part 2)**

*A thinkLaw Math Lab Warm-Up*

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| 1. Sabrina bought a desk and a computer for school. She spent $879 on the computer and spent a total of $1204. Which equation models the amount Sabrina spent on the desk?   A. 879 + 1204 = ?  B. ? – 879 = 1204  C. 1204 + 325 = ?  D. 1204 - 879= ? | 1. Craig has 54 grapes in total. Create three multiplication problems that model three different bunches of grapes.   Answers: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Circle all expressions that have a product of 240. 2. 15 x 16 3. (3 x 5) x (4 x 8) 4. (20 x 12) x (2 x 2) 5. 30 x 8 6. E. 12 x 20 | 1. Samara bought 3 umbrellas and 4 hats. The umbrellas cost $15 dollars each, and the hats cost $5 each. Write an equation to show the total cost c, in dollars, of the items Jack bought.   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

1. What would the world look like without addition and subtraction? How would that impact everyday life?

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**What is a Math Lab? (Part 2)***A thinkLaw Math Lab Cool-Down*

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| 1. Jacob bought a bicycle and a skateboard. He spent $65 on the skateboard and spent a total of $130. Which equation models the amount Jacob spent on the bicycle?   A. 65 + 65 = x  B. x – 65 = 130  C. 130 - x = 65  D. x + 65 = 130 | 1. Sarah has 36 apples in total. Create three multiplication problems that model three different bunches of apples.   Answers: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Circle all expressions that have a product of 180. 2. 10 x 18 3. (6 x 3) x (5 x 2) 4. (15 x 12) x (2 x 3) 5. 9 x 20 6. 8 x 10 | 1. Jessica bought 2 jackets and 5 pairs of shoes. The jackets cost $20 each, and the shoes cost $10 each. Write an equation to show the total cost C, in dollars, of the items Sarah bought.   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

5. Is it easier to add groups or to multiply? How would different people answer that question? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. How did this lesson change your perspective on how math can be taught?

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