

Name \_\_\_\_\_

## What is a Math Lab? (Part 2)

### A thinkLaw Math Lab Warm-Up

<p>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?</p> <p>A. <math>879 + 1204 = ?</math></p> <p>B. <math>? - 879 = 1204</math></p> <p>C. <math>1204 + 325 = ?</math></p> <p>D. <math>1204 - 879 = ?</math></p>	<p>2. Craig has 54 grapes in total. Create three multiplication problems that model three different bunches of grapes.</p> <p>Answers: _____</p>
<p>3. Circle all expressions that have a product of 240.</p> <p>A. <math>15 \times 16</math></p> <p>B. <math>(3 \times 5) \times (4 \times 8)</math></p> <p>C. <math>(20 \times 12) \times (2 \times 2)</math></p> <p>D. <math>30 \times 8</math></p> <p>E. <math>12 \times 20</math></p>	<p>4. 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 <math>c</math>, in dollars, of the items Jack bought.</p> <p>Answer: _____</p>

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

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Name \_\_\_\_\_

## What is a Math Lab? (Part 2)

### A thinkLaw Math Lab Cool-Down

<p>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?</p> <p>A. <math>65 + 65 = x</math></p> <p>B. <math>x - 65 = 130</math></p> <p>C. <math>130 - x = 65</math></p> <p>D. <math>x + 65 = 130</math></p>	<p>2. Sarah has 36 apples in total. Create three multiplication problems that model three different bunches of apples.</p> <p>Answers: _____</p>
<p>3. Circle all expressions that have a product of 180.</p> <p>A. <math>10 \times 18</math></p> <p>B. <math>(6 \times 3) \times (5 \times 2)</math></p> <p>C. <math>(15 \times 12) \times (2 \times 3)</math></p> <p>D. <math>9 \times 20</math></p> <p>E. <math>8 \times 10</math></p>	<p>4. 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.</p> <p>Answer: _____</p>

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

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

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