

Name _____

The Cost of Personal Injury

A thinkLaw Math Lab Warm-Up

1. William has 25 candies. Melvin has M candies. If Sarah has 5 times as many candies as Melvin, create an equation that shows how many candies Melvin has.

How many candies
does Melvin have? _____

2. Maggie went shopping and bought 3 dresses and 2 pairs of shoes for \$90. Each dress costs the same amount, and each pair of shoes costs the same amount. The price of a pair of shoes is \$30. What is the cost of 1 dress?

Cost of Dress: _____

3. Giovanni has \$65 and each book costs \$8. He wrote the equation:

$$65 \div 8 = 8 \text{ R } 1$$

What does the number 1 represent in terms of Giovanni's money?

4. Alyssa bought 3 backpacks and 4 lunch boxes for school, spending between \$60 and \$80. Each backpack costs the same amount, and each lunch box costs the same amount. The price of a lunch box is \$8.00. What is the least amount Alyssa could have spent on a backpack? What is the most Sarah could have spent on a backpack?

Least amount Alyssa could've spent: _____

Greatest amount Alyssa
could've spent: _____

5. Jack wants to buy the same number of hats for 3 of his friends. He has \$57 dollars, and each hat costs \$5. What is the largest number of hats that Jack buy for each friend? Student A says the answer is 12, what mistake did they make?

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The Cost of Personal Injury

A thinkLaw Math Lab Cool-Down

1. Kate has 36 apples. Tom has T apples. If Kate has 4 times as many apples as Tom, create an equation that shows how many apples Tom has.

How many candies
does Melvin have? _____

2. Let's say Emily went shopping and bought 4 jackets and 3 pairs of jeans for \$120. Each jacket costs the same amount, and each pair of jeans costs the same amount. The price of a pair of jeans is \$20. What is the cost of 1 jacket?

Cost of Jacket: _____

3. Maria has \$75 and wants to buy packs of markers for her art project. Each pack of markers costs \$6. She wrote the equation:

$$75 \div 6 = 12 \text{ R } 3$$

What does the number 3 represent in terms of Maria's money?

4. Rebecca bought 5 sleeping bags and 2 tents for a camping trip, spending between \$150 and \$200. Each sleeping bag costs the same amount, and each tent costs the same amount. The price of a tent is \$40. What is the least amount Rebecca could have spent on a sleeping bag? What is the most Rebecca could have spent on a sleeping bag?

Least amount Alyssa could've spent: _____

Greatest amount Alyssa
could've spent: _____

5. You have the problem: Jack has \$53, and each umbrella costs \$12. How many umbrellas could he buy? What is the most common mistake a student will make when solving?

6. How did going through this lesson show that using equations to represent a problem is useful?
