

Fri, 11/9 :

NOTES

TALK the TALK

Lollipop Recipe

Consider the recipe for making one batch of lollipops.

- 2 cups granulated sugar
- $\frac{2}{3}$  cup light corn syrup
- $\frac{3}{4}$  cup water
- $\frac{1}{4}$  teaspoon flavoring oil

1)

I multiplied each ingredient needed for 1 batch by the # of batches. Finally, I simplified.

1. The table represents the ratio of ingredients used to make lollipops. Complete the ratio table. Explain your calculations.

Number of Batches	1	2	5	10
Sugar (c)	2	4	10	20
Corn syrup (c)	$\frac{2}{3}$	$1\frac{1}{3}$	$3\frac{1}{3}$	$6\frac{2}{3}$
Water (c)	$\frac{3}{4}$	$1\frac{1}{2}$	$3\frac{3}{4}$	$7\frac{2}{4}$
Flavoring Oil (tsp)	$\frac{1}{4}$	$\frac{1}{2}$	$1\frac{1}{4}$	$2\frac{1}{2}$

2. For each number of batches, describe how you can use addition to determine the amount of each ingredient needed.

a. 3 batches

I can add the ingredients needed for 1 + 2 batches to get what's needed for 3.

b. 7 batches - I can add the ingredients needed for 2 + 5 batches to get those needed for 7.

3. For each number of batches, describe how you can use subtraction to determine the amount of each ingredient needed.

a. 3 batches

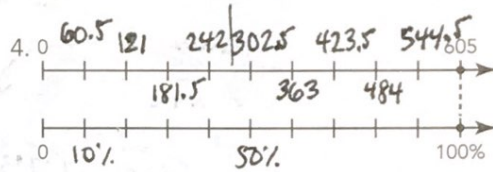
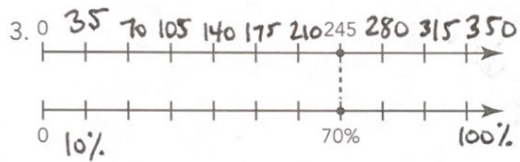
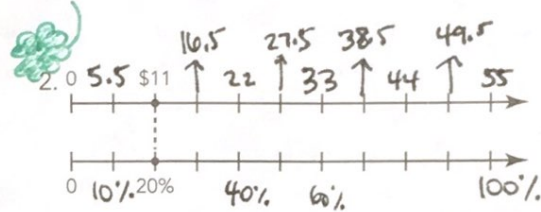
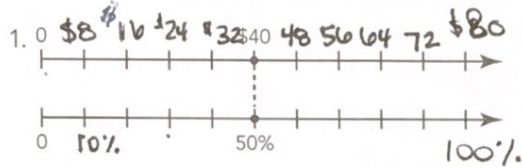
I can subtract ingredients needed for 2 batches from 5.

b. 7 batches

I can subtract ingredients needed for 10 batches minus 2 and 1 batches to get those needed for 7.

## Stretch

Complete each double number line.



## Review

$$\begin{array}{r} 35 \\ 7 \overline{)245} \\ \underline{21} \phantom{0} \\ 35 \phantom{0} \\ \underline{35} \\ 0 \end{array}$$

- In tennis, an ace is a legal serve that cannot be returned and is not even touched by the opponent's racket. Cecelia has an excellent serve. Last week, Cecelia hit 7 aces in 2 matches.
  - If she plays 6 matches in the regional tournament, how many aces should she expect? Show your work.
  - If she plays 10 matches in the regional tournament, how many aces should she expect? Show your work.
- The winning time for the middle school 4-person 100-meter relay was 62.59 seconds. Suppose that each runner ran exactly the same amount of time. What would the time be for each runner?
- Spring Hill Park is on a rectangular piece of land that measures 0.75 mile by 1.25 miles. Draw and label a rectangle to represent the park. Then determine the area of the park.
- Determine each product.
  - $25 \times 0.31$
  - $7.05 \times 3.72$