

Name \_\_\_\_\_

Date \_\_\_\_\_

Use the RDW process to solve the problems below. Use a letter to represent the unknown in each problem.

1. Jerry pours 86 milliliters of water into 8 tiny beakers. He measures an equal amount of water into the first 7 beakers. He pours the remaining water into the eighth beaker. It measures 16 milliliters. How many milliliters of water are in each of the first 7 beakers?
2. Mr. Chavez's third-graders go to gym class at 11:15. Students rotate through three activities for 8 minutes each. Lunch begins at 12:00. How many minutes are left from the end of the gym activities until lunch begins?
3. A box contains 100 pens. In each box there are 38 black pens and 42 blue pens, while the rest are green pens. Mr. Cane buys 6 boxes of pens. How many green pens does he have in total?



**Lesson 3:**  
**Date:**

Share and critique peer solution strategies to varied word problems.

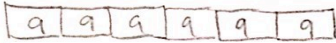
engage<sup>ny</sup>

**7.A.38**

4. Greg has \$56. Tom has \$17 more than Greg. Jason has \$8 less than Tom.
- How much money does Jason have?
  - How much money do the 3 boys have in total?
5. Laura cuts 64 inches of ribbon into two parts and gives her mom one part. Laura's part is 28 inches long. Her mom cuts her ribbon into 6 equal pieces. How long is one of her mom's pieces of ribbon?

## Student A

Total Pencils



$$6 \times 9$$

$$54 \text{ pencils}$$

Pencils She Gave Away

$$24 \times 2$$

$$(6 \times 4) \times 2$$

$$6 \times (4 \times 2)$$

$$6 \times 8$$

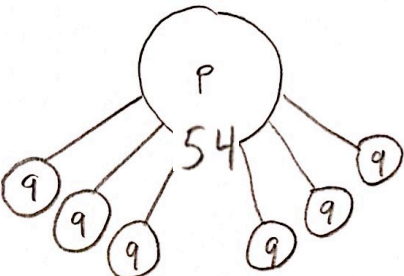
$$48 \text{ pencils}$$

$$\begin{array}{r} 414 \\ \cancel{54} \\ -48 \\ \hline 06 \end{array}$$

Mrs. Mashburn has 6 pencils left

## Student B

Total Pencils



$$p = 6 \times 9$$

$$54 \text{ pencils}$$

Pencils She Gave Away

$$g = 24 \times 2$$

$$g = 48 \text{ pencils}$$

$$\begin{array}{r} 24 \\ +24 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 414 \\ \cancel{54} \\ -48 \\ \hline 06 \end{array}$$

Mrs. Mashburn has 6 pencils left.

Student C

Handwritten student work for a subtraction problem. On the left, 54 pencils are represented by 5 rows of 10 crossed-out rectangles and 4 uncrossed rectangles at the bottom. On the right, a subtraction problem is shown: 54 minus 48 equals 6. Below the problem, the text reads "Mrs. Mashburn has 6 pencils left."