Name :

Lesson 1-1

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Understand Ratios

Apply

8. To make a homemade all-purpose household cleaner, you can mix the ingredients shown in the table. Samuel has 1 cup of rubbing alcohol and will use the entire amount. He plans to store the cleaning solution in containers that each hold a maximum of 6 cups. How many containers does he need? Write an argument to defend your solution.

All-Purpose Cleaner
1 cup vinegar
$\frac{1}{2}$ cup rubbing alcohol
1 gallon water (16 cups)

9. The table shows the ingredients needed to make one batch of homemade slime. Dodi has 2 cups of liquid starch and will use the entire amount. She plans to store the slime in containers that each hold a maximum of 6 fluid ounces. How many containers will she need? Write an argument to defend your solution. *(Hint: 2 cups = 16 fluid ounces)*

Ingredient	Amount (fl oz)
Glue	4
Liquid Starch	4
Water	4

Test Practice

7. Open Response A football coach needs to divide 48 players into two groups. He wants the ratio of players in Group 1 to players in Group 2 to be 1 to 3. How many players will be in Group 2?

LIVEWORKSHEETS