

Math Word Problem

Grades: 4th + 5th

Common Core State Standards

Operations & Algebraic Thinking

CCSS.Math.Content.4.OA.A.2

Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.

Measurement & Data

CCSS.Math.Content.4.MD.A.2

Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale.

Extension Activity

To extend the activity and encourage more collaboration, creativity, and critical thinking have the students create their own problem and have a partner solve it.

Name: _____

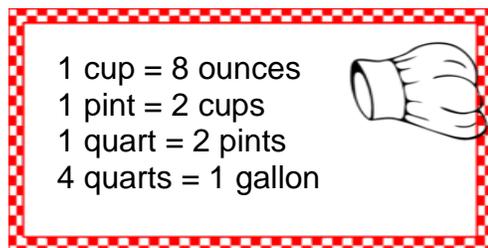
S-MOOOOOO-thie **Math Word Problem**

The school foodservice staff at Sun Valley Elementary is trying to be creative and provide tasteful ways for students to meet their “3 out of 5” food requirement. The foodservice staff has developed a new recipe and would like the 4th- and 5th-grade classes to taste the recipe and provide their input.

The recipe is a fruit smoothie that contains bananas, strawberries, 100% orange juice, old-fashioned rolled oats, and low-fat yogurt.

The recipe makes 3 gallons of fruit smoothie.

The 4th-grade class has 24 students, and the 5th-grade class has 27 students.



Show how you solved each question using the Read, Draw, Write (RDW) method. In other words, draw how you would solve the problem, write a number sentence, and use words to explain your thinking. Once you have finished, share your solutions with a classmate.

a) How many cups will this recipe make?

b) Will there be enough smoothie for each 4th- and 5th-grade student to have 1 cup?

Extension

c) Using the data provided, create your own problem for a classmate to solve.