

Name _____

Date _____

Interpretation of Fractions - Guided Lesson Explanation

Explanation#1

Count the total number of squares. We find that there are 8 squares.

This is the denominator of fraction.

Now count the number of blue squares. 3 squares are blue. This will be the numerator of our fraction.

So the answer will be $\frac{3}{8}$

Explanation#2

Step 1) First we find what is asked:

“How many kg of wheat should each person get?”

Step 2) Total wheat in kg = 27 kg

Number of people sharing the wheat = 2

Total number of kg received by each person = $\frac{\text{Total weight}}{\text{Number of people}}$

$$\begin{aligned} &= \frac{27}{2} \\ &= 13.5 \end{aligned}$$

The answer lies within 13 and 14.



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Explanation#3

Step 1) First we need to know what is being asked of us:

“How many times should she fill the measuring cup to measure ingredients?”

Step 2a) Find out how many times to fill the measuring cup with pineapple juice.

Given 8 ounces = 1 cup

She used 24 ounces of pineapple juice.

$$\text{So } 24 \text{ ounces} = \frac{1}{8} \times 24$$

She used 3 cups of pineapple juice

Step 2b) Find out how many times to fill the measuring cup with chocolate sauce.

Given 8 ounces = 1 cup

She used 16 ounces of chocolate sauce.

$$\text{So } 16 \text{ ounces} = \frac{1}{8} \times 16$$

She used 2 cups of chocolate sauce.

