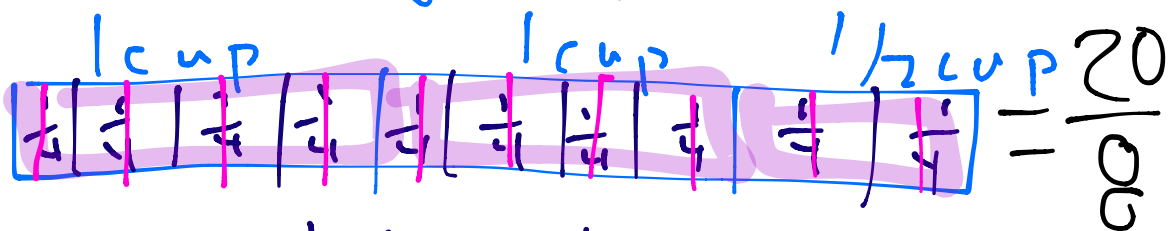


Oct 5th Fractions!

$2\frac{1}{2}$ cups of rice.

$\frac{1}{4}$ cup for each sushi roll

How many rolls can you make
groups



10 Sushi: rolls

$2\frac{1}{2} \div \frac{1}{4} =$
improper first

$\frac{5}{2} \div \frac{1}{4} =$
 $\frac{5}{2} \times \frac{4}{1} = \frac{20}{2} = 10$

Change
 $\frac{1}{4} \rightarrow \frac{1}{8}$ cup
per roll
 $\frac{2}{8} = \frac{1}{4}$
20 rolls

$\frac{10}{1} = 10$

$$2\frac{1}{2} \div \frac{1}{8}$$

$$\frac{5}{2} \cdot \frac{8}{1} = \frac{40}{2} = 20$$

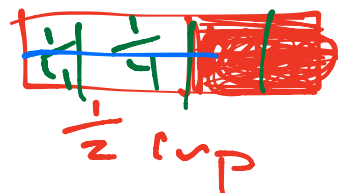
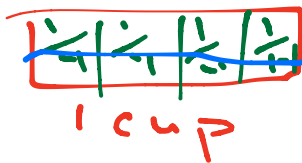
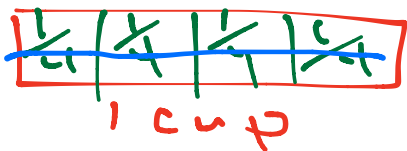
$$2\frac{1}{2} = 2\frac{2}{4}$$

is $\frac{1}{2} = \frac{2}{4}$

$$2\frac{1}{2} - 2\frac{4}{8} = \frac{20}{8}$$

Oct 5th Dividing Fractions.

$2\frac{1}{2}$ cups of rice. Recipe calls for $\frac{1}{4}$ cup for each sushi roll. How many rolls can they make? using a picture.



10 rolls

Recipe calls for $\frac{1}{4}$ cup per roll.

How many $\frac{1}{4}$ ths in 2 cups?

Equivalent

$$\frac{1}{4} = \frac{2}{8}$$

becaus

20 rolls

Steps

$$2\frac{1}{2} \div \frac{1}{4} =$$

1st change mixed Number to improper

$$2^{nd} \quad \frac{5}{2} \div \frac{1}{4} =$$

use reciprocal of 2nd term & change $\div$ to multi

$$3^{rd} \quad \frac{5}{2} \rightarrow \frac{4}{1} = \frac{10}{1} = 10$$

multiply & Simplify