Name: .... Class: ....

Adding Subtracting Multiplying and Dividing Fractions Word Problems

a.

A recipe calls for $\frac{3}{5}$ of a cup of bread flour. Out of the $\frac{3}{5}$ of a cup of the bread flour, Barbra only used $\frac{2}{6}$ of it.

How much of the bread flour did she use?

b.

Ivy went for groceries shopping and bought $\frac{2}{4}$ of a kilogram of mangoes.

If she bought a third as many oranges as mangoes, how many of a kilogram of oranges did she buy?

c.

Tobias comes from a very large family. He has 9 sea shells. He intends to give each of his cousins in their next family come together party $\frac{1}{2}$ of each sea shell so that they can decorate their rooms with it.

How many cousins will he give the sea shells to in all?

d.

Of the $\frac{4}{5}$ of the 10 liters of strawberry juice that Paul had, he only has $\frac{1}{5}$ left.

Knowing that he shared the missing part with his sisters, find in liters the quantity of strawberry juice that Paul shared.

![MP Math-wordproblems.com]

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a. Quantity of bread flour the recipe calls for = $\frac{3}{5}$ of a cup

Quantity of bread flour that Barbra used out of the $\frac{3}{5}$ = $\frac{2}{3}$

Therefore, fraction of the bread flour she used =

quantity of bread flour the recipe calls for × quantity of bread flour that Barbra used out of the $\frac{3}{5}$

$$\frac{3}{5} \times \frac{2}{3} = \frac{3 \times 2}{5 \times 6} = \frac{6}{30} = \frac{1}{5}$$

So, she used $\frac{1}{5}$ of a cup of bread flour out of the $\frac{3}{5}$ that the recipe calls for.

b. She bought $\frac{1}{6}$ of a kilogram of oranges.

c. He will give the sea shells to 18 of his cousins.

d. Paul shared 6 liters of strawberry juice with his sisters.