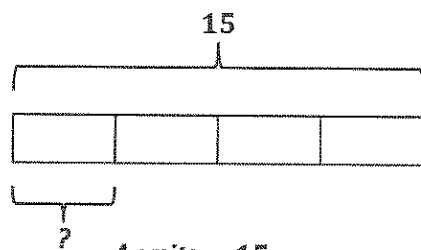


G5-M4-Lesson 5

Kenneth divided 15 cups of whole wheat flour equally to make 4 loaves of bread.

- a. How much whole wheat flour went into each loaf?



$$4 \text{ units} = 15$$

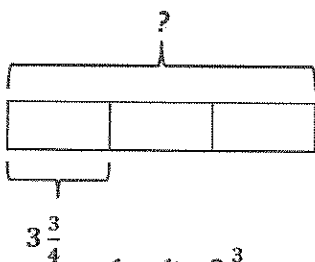
$$1 \text{ unit} = 15 \div 4 = \frac{15}{4} = 3\frac{3}{4}$$

The whole tape represents 15 cups of flour. Since the flour is used to make 4 equal loaves of bread, I partitioned the tape into 4 equal units, or parts.

$\frac{15}{4}$ is equal to $\frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{3}{4}$, which is the same as $3\frac{3}{4}$.

Kenneth used $3\frac{3}{4}$ cups of whole wheat flour for each loaf of bread.

- b. How many cups of whole wheat flour are in 3 loaves of bread?



$$1 \text{ unit} = 3\frac{3}{4}$$

$$3 \text{ units} = 3 \times 3\frac{3}{4}$$

$$= 3\frac{3}{4} + 3\frac{3}{4} + 3\frac{3}{4}$$

$$= 9 + \frac{9}{4}$$

$$= 9 + 2\frac{1}{4}$$

$$= 11\frac{1}{4}$$

Now that I know how much flour is in one loaf of bread, I can multiply that amount by 3 to answer this question.

Since Kenneth used a total of 15 cups of flour for 4 loaves, I could have also used subtraction to find the amount used in 3 loaves.

$$15 - 3\frac{3}{4} = 12 - \frac{3}{4} = 11\frac{1}{4}$$

There are $11\frac{1}{4}$ cups of whole wheat flour in 3 loaves.