

Tuesday Wednesday

NAME

DATE

PERIOD

1/23

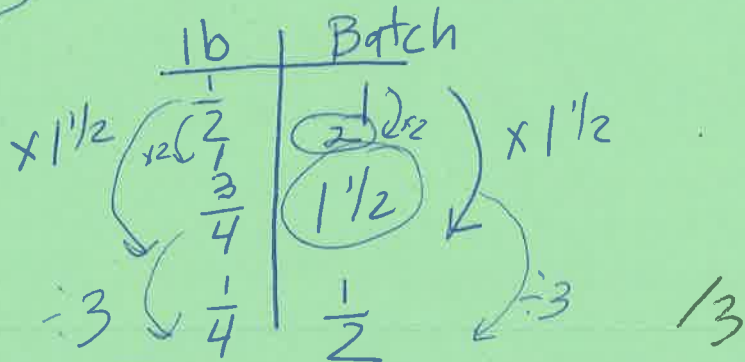
Unit 4, Lesson 7: What Fraction of a Group?

1. A recipe calls for $\frac{1}{2}$ lb of flour for 1 batch. How many batches can be made with each of the following amounts?

a. 1 lb = 2

b. $\frac{3}{4}$ lb = $1\frac{1}{2}$

c. $\frac{1}{4}$ lb = $\frac{1}{2}$



2. Whiskers the cat weighs $2\frac{2}{3}$ kg. Piglio weighs 4 kg. For each question, write a multiplication and a division equation, decide whether the answer is greater or less than 1, and then answer the question.

a. How many times as heavy as Piglio is Whiskers?

bigger / *smaller*

$4 \text{ kg} \times ? = 2\frac{2}{3}$ *less than 1*

$2\frac{2}{3} \div ? = 4$ $2\frac{2}{3}$

$? = 2/3 \times$

b. How many times as heavy as Whiskers is Piglio?

smaller / *bigger* / *bigger than 1*

$4 \div 2\frac{2}{3} = ?$

$2\frac{2}{3} \times ? = 4$

$? = 1\frac{1}{2} \times$

3. Andre is walking from home to a festival that is $1\frac{5}{8}$ kilometers away. He takes a quick rest after walking $\frac{1}{3}$ kilometers. In this situation, which question can be represented by the equation:

$? \cdot 1\frac{5}{8} = \frac{1}{3}$

N A. What fraction of the trip has Andre completed?

N B. How many more kilometers does he have to walk to get to the festival? $1\frac{5}{8} - \frac{1}{3}$

N C. What fraction of the trip is left? $(1\frac{5}{8} - \frac{1}{3}) \div 1\frac{5}{8}$

N D. How many kilometers is it from home to the festival and back home?

$1\frac{5}{8} + 1\frac{5}{8}$

Wednesday ~~Tue~~

1/23 continues

NAME

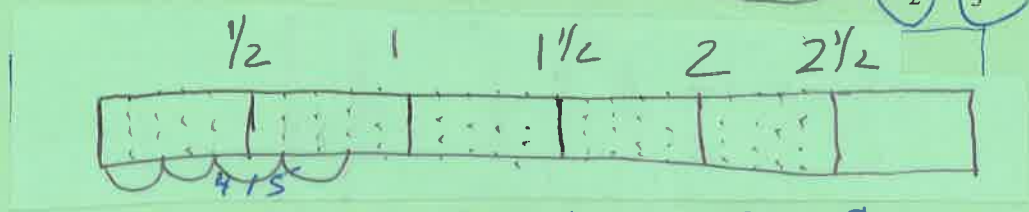
DATE

PERIOD

not how many

think $\frac{1}{10}$'s

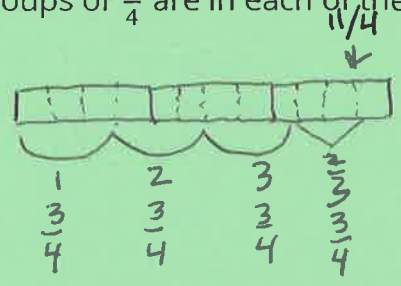
4. Draw a tape diagram to represent and answer the question: What fraction of $2\frac{1}{2}$ is $\frac{4}{5}$?



8 out of 25 or $\frac{8}{25}$

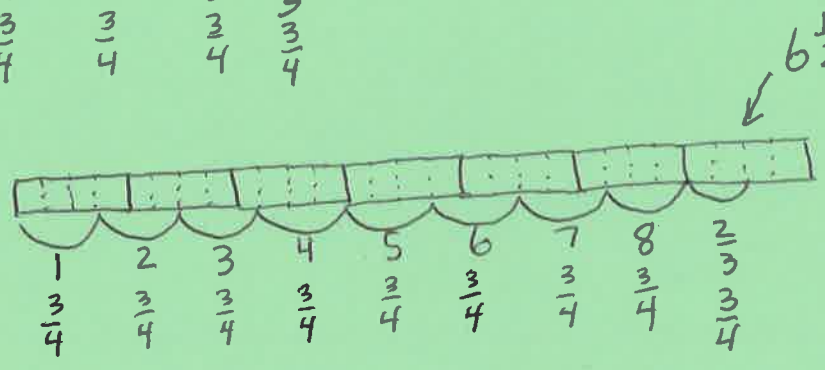
5. How many groups of $\frac{3}{4}$ are in each of the following quantities?

a. $\frac{11}{4}$



$3\frac{2}{3}$

b. $6\frac{1}{2}$



$8\frac{2}{3}$

12

(from Unit 4, Lesson 6)

6. Which question can be represented by the equation $4 \div \frac{2}{7} = ?$

A. What is 4 groups of $\frac{2}{7}$? Y or **N** $4 \times \frac{2}{7}$

B. How many $\frac{2}{7}$ s are in 4? **Y** or N

C. What is $\frac{2}{7}$ of 4? Y or **N** $\frac{2}{7} \times 4$

D. How many 4s are in $\frac{2}{7}$? Y or **N** $\frac{2}{7} \div 4$

14

(from Unit 4, Lesson 4)

16