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Date _____

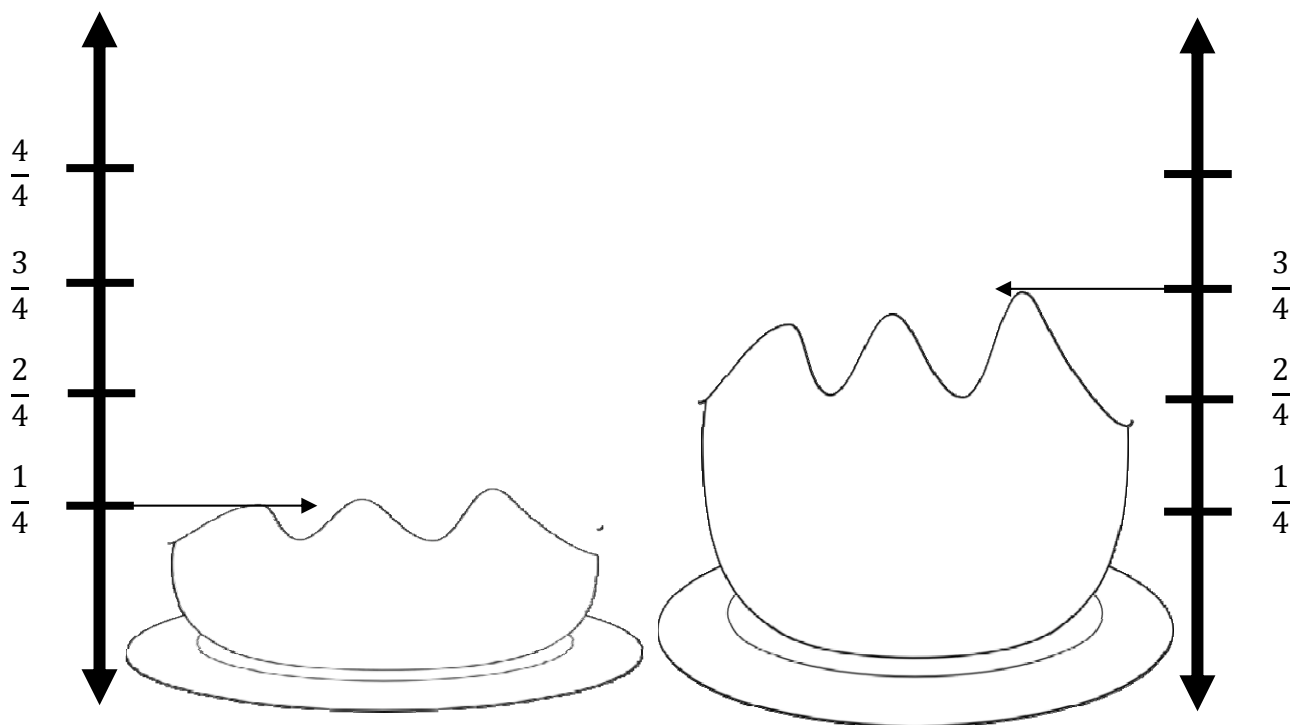
Fraction Word Problems (Add and Subtract Only) - Guided Lesson Explanation

Explanation#1

Step 1) First we need to know what we have to find out:

“How much more did Andrew eat than John?”

Step 2) We use the number line to show the height of a pudding. We will see that Andrew ate $\frac{3}{4}$ of pudding. John ate was $\frac{1}{4}$ of pudding.



The numbers line shows Andrew ate $\frac{1}{4}$ and John ate $\frac{3}{4}$ of pudding which means that Andrew ate $\frac{2}{4}$ more than John.



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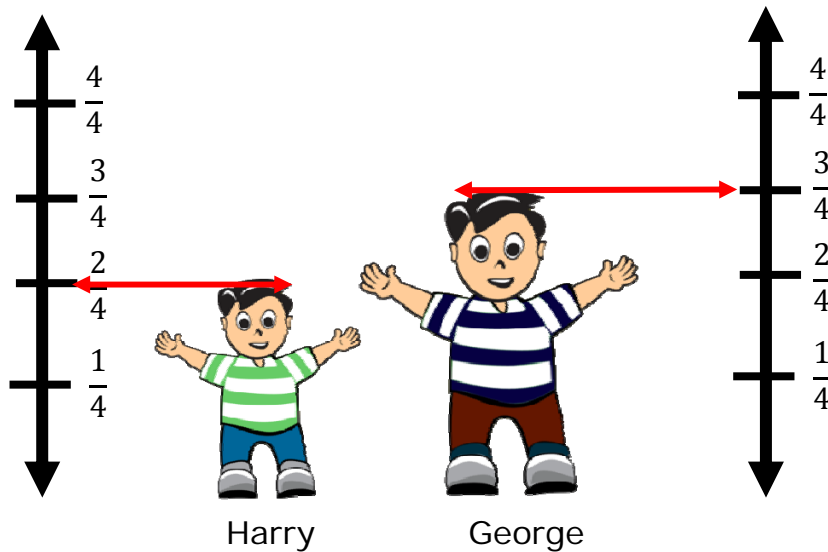
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Explanation#2

Step 1) First we need to know what is find out:

“How much more did George grow than his brother Harry?”

Step 2) We will use the numbers line to show the height of the brothers. We see that George grew $\frac{3}{4}$ of an inch and Harry grew $\frac{1}{2}$ of an inch or $\frac{2}{4}$ of an inch.



As we can see, that number line shows George grew $\frac{2}{4}$ and Harry grew $\frac{3}{4}$ of an inch. That means George grew $\frac{1}{4}$ more than Harry.



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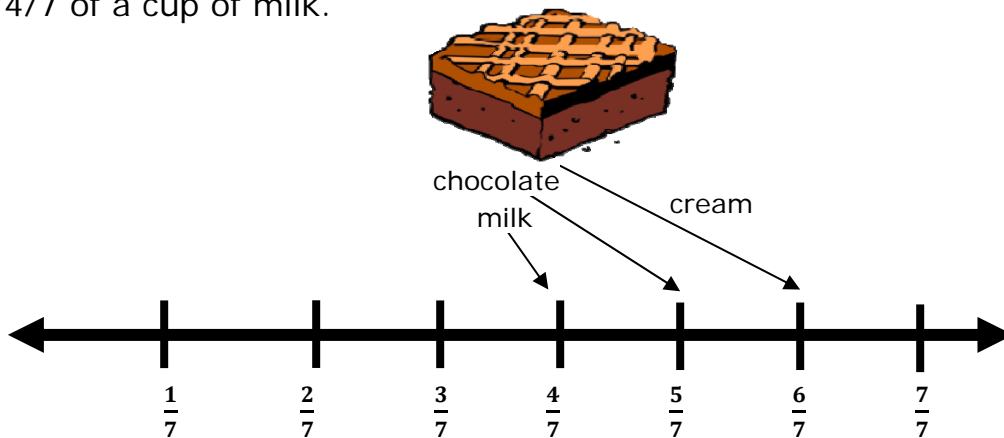
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Explanation#3

Step 1) First find out what is to be calculated:

“How many cups of ingredients did Kelly use for the brownies?”

Step 2) We will use the number line to show the portion of a cup of ingredients in the brownies, $\frac{5}{7}$ of a cup of chocolate, $\frac{6}{7}$ of a cup of cream, and $\frac{4}{7}$ of a cup of milk.



Step 3) By observing the number line carefully we see that $\frac{5}{7}$ of a cup of chocolate, $\frac{6}{7}$ of a cup of cream, and $\frac{4}{7}$ of a cup of milk.

Add all cups to find cups of ingredients used in brownies.

$$\frac{5}{7} + \frac{6}{7} + \frac{4}{7} = \frac{15}{7}$$

So Kelly used $\frac{15}{7}$ or $2\frac{1}{7}$ cups of ingredients.

