

**Warm Up!**

- 1.) Write in agenda book
- 2.) Place homework on desk, I will be walking around to check it.
- 3.) Subtract the mixed numbers.

$$9\frac{2}{5} - 3\frac{5}{6}$$

$$\begin{array}{r}
 8\cancel{9}\frac{12}{30} \\
 - 3\frac{25}{30} \\
 \hline
 5\frac{17}{30}
 \end{array}$$

Oct 2-3:54 PM

**Fraction Word Problems**

**Learning Target:** I can solve word problems involving fractions.

Oct 2-3:55 PM

When solving word problems, look for **Key words** that tell you what math operation is needed to complete the problem.

Addition Key Words	Subtraction Key Words
total sum altogether in all combined	how much more difference have left left over remaining

1.) Neil lives  $3\frac{1}{5}$  blocks from Dario's house. Dario lives  $2\frac{5}{6}$  blocks from the library. If Neil walks from his house to Dario's house and then to the library, how far does he walk?

$$\begin{array}{r}
 3\frac{1}{5} \\
 + 2\frac{5}{6} \\
 \hline
 5\frac{31}{30} = 6\frac{1}{30} \text{ blocks}
 \end{array}$$

Oct 2-3:56 PM

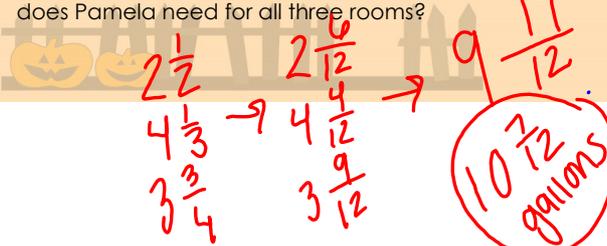
Oct 2-3:59 PM

2.) Caroline bought  $2\frac{1}{4}$  pounds of turkey and  $1\frac{2}{3}$  pounds of roast beef. How much more turkey than roast beef did Caroline buy?

$2\frac{1}{4} - 1\frac{2}{3} = 1\frac{3}{12} - 1\frac{8}{12} = \frac{7}{12}$  pounds

3.) Pamela is going to paint three different rooms. She will need  $2\frac{1}{2}$  gallons of paint for the first room,  $4\frac{1}{3}$  gallons of paint for the second room, and  $3\frac{3}{4}$  gallons of paint for the third room. How much paint does Pamela need for all three rooms?

$2\frac{1}{2} + 4\frac{1}{3} + 3\frac{3}{4} = 2\frac{6}{12} + 4\frac{4}{12} + 3\frac{9}{12} = 9\frac{19}{12} = 10\frac{7}{12}$  gallons



Oct 2-4:00 PM

An NBA basketball court is 94 feet long and an Olympic basketball court is  $91\frac{2}{3}$  feet long. How much longer is the NBA basketball court?



Oct 2-4:01 PM

The class collected  $4\frac{5}{7}$  pounds of glass bottles and  $3\frac{2}{3}$  pounds of aluminum cans. How many pounds did the class collect in all?

Mr. Garson planted  $7\frac{1}{6}$  acres of wheat and  $5\frac{4}{5}$  acres of corn. How much more wheat did he plant than corn?



Oct 1-3:49 PM

**To Do:**

- 1.) Homework
- 2.) Study Guide
- 3.) Khan Academy assignments
  - \* Add and subtract mixed numbers with unlike denominators (no regrouping)
  - \* Add and subtract mixed numbers with unlike denominators (regrouping)
  - \* Add and subtract fractions word problems
- 4.) ALEKS



Oct 16-8:35 AM