Math Word Problem

Unit 4 Part A—Adding and Subtracting Fractions

Lauren used 2 ¾ cups of sugar to back cookies, 3 ½ cups of sugar to make brownies, and 1/3 cup of sugar for a cake. How much sugar did she need for all of her baking?

Ms. Everett ordered pizzas for the 5th grade team. Mrs. Gallagher said she could eat 2/10 of a pizza, Ms. Wilson said she could eat ¼ of a pizza, Dr. Arnold said she could eat ½ of a pizza, Mrs. Lilly said she could eat 3/5 of a pizza, and Mrs. Everett wanted to have 2/5 left to eat herself. How much pizza does Ms. Everett need to order for the 5th grade team lunch?

On Monday 1/2 of the 5th grade had PE, on Tuesday 1/3 of the 5th grade had PE. The rest of the 5th grade had PE on Wednesday. How much of the 5th grade had PE on Wednesday?

Mrs. Gallagher was making soup for Lawson because he wasn’t feeling good. One soup required 2/3 of a cup of noodles and another recipe required ¼ of a cup of noodles. Estimate how many cups of noodles Mrs. Gallagher will need for the two soups.

One half of the 5th grade has brown hair and one fourth of the 5th grade has blonde hair. How much of the 5th grade has brown OR blonde hair.

\*\*Safety Patrol is having a party. Every four girls in Safety Patrol will share 5 small pizzas, and every five boys in Safety Patrol will share 4 small pizzas. Zach thinks the boys will get more pizza, but Emily disagrees and thinks that the girls will get more pizza. Who is correct? Who will get more pizza and how do you know?

Sarah biked 5 ½ miles on Monday and 2 1/3 miles on Tuesday. How much more did she bike on Monday than she did on Tuesday?

Jennifer bought 4/5 of a pie. She ate 1/10 of the pie and gave 2/5 of the pie to her friend. How much of the pie is left?

Jason had ¾ of a tube of silver paint. He used 1/5 of it on touch ups to his car. How much paint was left when he was done?

The chorus sang 2/5 of their favorite songs before intermission and 1/5 of their favorite songs after intermission. How many of their favorite songs did they sing at the concert?

Mrs. Lilly bought the 5th grade a cake. Mrs. Lilly ate 1/6 of the cake, Mrs. Gallagher ate 1/12 of the cake, Dr. Arnold ate 1/3 of the cake, and Ms. Wilson ate 1/6 of the cake. Is there any left for Ms. Everett? If so, how much?

On Saturday 3/4 of the 5th grade class went to see a Frozen the movie. If ½ of the group went to the afternoon showing, how much of the group went to the evening showing?

At the 5th grade party 4/8 of a pepperoni pizza was eaten and ¼ of a cheese pizza was eaten. How much was eaten all together?

Holly ran 2/3 of a marathon. Allie ran 5/6 of a marathon. Who ran farther? How much farther?

Amanda and Lauren shared a candy bar. Amanda ate 4/12 of the bar and ¼ of the bar. Who ate more? How much more?

Kathy bought 6/8 kilograms of bananas. She ate ¼ kilograms of the bananas on the way home. What fraction of the bananas was left?

Mrs. Lilly ate 1/3 of a box of donuts. Her husband ate ¼ MORE than she did. What fraction of the box of donuts did they eat IN ALL?

A running track is one kilometer long. If Lawson jogs for 1/6 km and run for 2/3 km will Lawson complete the full distance of the track?

A ball of string is ¾ of a meter long. If I use 1/3 of a meter to tie a package, how much will be left?

Dr. Arnold’s class went for a hike in the woods. 5/6 of the students brought water bottles and 1/8 of the students brought sports drinks. How many more students brought water bottles than sports drinks?

On the New Prospect safety patrol, ¼ of the students are 9 years old, and 1/6 of the students are 10 years old. What fraction of students are either 9 or 10 years old?

Ms. Wilson is making cookies. The recipe calls for 2 1/3 cups of pecans, 1 ¼ cups walnuts, and 3 2/3 cups of almonds. How many total cups of nuts does Ms. Wilson need for the recipe?

One spirit day, everyone in Mrs. Lilly’s class wore gold or red. Out of the class, 5/8 of the class wore gold and ¼ of the class wore red. How many more students wore gold than garnet?

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