

FRACTIONS : WORD PROBLEMS

A cookie factory uses $\frac{1}{4}$ of a barrel of oatmeal in each batch of cookies. The factory used $\frac{1}{2}$ of a barrel of oatmeal yesterday. How many batches of cookies did the factory make ?

_____ batches

Of the students in the band, $\frac{1}{4}$ play the flute and another $\frac{1}{4}$ play the clarinet. What fraction of the students in the band play either the flute or the clarinet ?

_____ students

At the dealership where Mary works, she fulfilled $\frac{1}{6}$ of her quarterly sales goal in January and another $\frac{3}{10}$ of her sales goal in February. If her quarterly sales goal is \$12,000, what amount of sales did she make in January and February ?

\$_____

David's salary is \$1800. David spent $\frac{2}{3}$ of the total money for food. He spent $\frac{1}{2}$ of the remaining for his kids education and saved the rest. How much did he save ?

\$_____

John's present age is one-third of David's age 5 years back. If David is 20 years old now, find the present age of John.

_____ yrs

David ate $2\frac{1}{7}$ pizzas and he gave $1\frac{3}{14}$ pizzas to his mother. How many pizzas did David have initially?

_____ pizzas

A bag can hold $1\frac{1}{2}$ pounds of flour. If Mimi has $7\frac{1}{2}$ pounds of flour, then how many bags of flour can Mimi make ?

_____ bags_

Amy has $3\frac{1}{2}$ bottles in her refrigerator. She used $\frac{3}{5}$ bottle in the morning $1\frac{1}{4}$ bottle in the afternoon. How many bottles of milk does Amy have left over?

_____ bottles _

Mary's vegetable garden is $6\frac{1}{2}$ feet by $6\frac{1}{2}$ feet.

a. Find its area in square feet. _____ sq ft

b. Mary divided her garden into quarters in order to plant four different vegetables. What is the area of one of those quarters in square feet?

_____ sq ft

Sam planted tomatoes in his garden, which is a rectangular area of $2\frac{1}{2}$ square meters. If the length of the area is 5 meters, how wide is it?

_____ meters

How many $\frac{2}{3}$ cup servings can you get out of 5 cups of ice cream?

_____ servings _

How many $\frac{3}{8}$ -foot long pieces can you cut out of 11 feet of ribbon?

_____ pieces _

b. How long is the piece that is left over ?
