Standard 1

Baking Cookies #1

Charlie is making cookies for his math party. He decided to make Chocolate Chip Cookies from scratch. The following is a list of ingredients that he needs. This recipe will yield 1 dozen cookies.

2 large eggs	1 teaspoon of vanilla
3 cups of flour	1 teaspoon of salt
1 cup of sugar	2/3 cup of shortening
12 oz of choc chips	2/3 cups of butter

A) Charlie wants to make 36 cookies. How many cups of flour will he need? Show your work.

B) Suppose he decides to make 48 cookies. If he has 3 pounds of sugar and each pound of sugar is approximately 2 (1/4) cups, does he have enough sugar for 48 cookies? Explain your answer

C) Charlie is trying to decide if buying cookies of the same type from a grocery store is more expensive than making them from scratch. He calculated the total cost of making 48 cookies to be $0.20 per cookie. He can buy a package of 1 dozen cookies from a grocery store for $2.89. Based on this information, is it cheaper to make them or buy them? Show your work and explain your answer.

Baking Cookies #2

Charlie is making cookies for his math party. He decided to make Chocolate Chip Cookies from scratch. The following is a list of ingredients that he needs. This recipe will yield 1 dozen cookies.

2 large eggs   1 teaspoon of vanilla

3 cups of flour   1 teaspoon of salt

1 cup of sugar   2/3 cup of shortening

12 oz of choc chips   2/3 cups of butter

A) Charlie wants to make 24 cookies. How many cups of flour will he need? Show your work.

B) Suppose he decides to make 36 cookies. If he has 3 pounds of sugar and each pound of sugar is approximately 2 (1/2) cups, does he have enough sugar for 36 cookies? Explain your answer

C) Charlie is trying to decide if buying cookies of the same type from a grocery store is more expensive than making them from scratch. He calculated the total cost of making 36 cookies to be $0.35 per cookie. He can buy a package of 1 dozen cookies from a grocery store for $2.99. Based on this information, is it cheaper to make them or buy them? Show your work and explain your answer.

Baking Cookies #3

Charlie is making cookies for his math party. He decided to make Chocolate Chip Cookies from scratch. The following is a list of ingredients that he needs. This recipe will yield 2 dozen cookies.

2 large eggs	1 teaspoon of vanilla
3 cups of flour	1 teaspoon of salt
1 cup of sugar	2/3 cup of shortening
12 oz of choc chips	2/3 cups of butter

A) Charlie wants to make 60 cookies. How many cups of flour will he need? Show your work.

B) Suppose he decides to make 72 cookies. If he has 3 pounds of sugar and each pound of sugar is approximately 3 (1/4) cups, does he have enough sugar for 72 cookies? Explain your answer

C) Charlie is trying to decide if buying cookies of the same type from a grocery store is more expensive than making them from scratch. He calculated the total cost of making 72 cookies to be $0.30 per cookie. He can buy a package of 1 dozen cookies from a grocery store for $1.99. Based on this information, is it cheaper to make them or buy them? Show your work and explain your answer.

Baking Cookies #4

Charlie is making cookies for his math party. He decided to make Chocolate Chip Cookies from scratch. The following is a list of ingredients that he needs. This recipe will yield 2 dozen cookies.

2 large eggs	1 teaspoon of vanilla
3 cups of flour	1 teaspoon of salt
1 cup of sugar	2/3 cup of shortening
12 oz of choc chips	2/3 cups of butter

A) Charlie wants to make 48 cookies. How many cups of flour will he need? Show your work.

B) Suppose he decides to make 60 cookies. If he has 3 pounds of sugar and each pound of sugar is approximately 2 (3/4) cups, does he have enough sugar for 60 cookies? Explain your answer

C) Charlie is trying to decide if buying cookies of the same type from a grocery store is more expensive than making them from scratch. He calculated the total cost of making 60 cookies to be $0.25 per cookie. He can buy a package of 1 dozen cookies from a grocery store for $3.50. Based on this information, is it cheaper to make them or buy them? Show your work and explain your answer.