



Sugar Cookies, Snickerdoodles and Cakes! Yum!



Dear Students,

You have been hired by the bakers at Hill Country Cakery to help them cater an event. They need to make sugar cookies, snickerdoodles and many other delicious baked goods but need your help determining how much ingredients they need to buy and how much time they should spend for all the baking.

You will spend the next two days working with fractions to make a recommendation to the Hill Country Cakery before they place an order. Attached, you will find recipes for each of the items the bakers need to buy.



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2. Calculate the amount of each ingredient needed. Some ingredients will only be used in one recipe. You must put all calculations in simplest form. Fill out the purchase order template for each ingredient. You must show all work below.

3. Compare the amounts of each of the five ingredients listed in all the recipes: flour, plain sugar, butter, vanilla and brown sugar and order them on the number line from least amount to greatest amount.



Why did you place each ingredient in that order? Explain your reasoning: _____

4. Calculate how much time each item needs to bake and order them from least to greatest on the number line.



5. Imagine that the Hill Country Cakery decides not to include the chocolate chip cookies at the event. How would this change your purchase order? Complete a new purchase order for this scenario.

Easy Sugar Cookies (double this recipe)

Baking Time: 5/12 an hour

- 1 1/4 cups all-purpose flour
- 1 teaspoon baking soda
- 4/8 teaspoon baking powder
- 1 cup butter, softened
- 3/2 cups white sugar
- 1 egg
- 1 teaspoon vanilla extract

Extreme Chocolate Cake

Baking Time: 1 and 5/12 hours

- 2 cups white sugar
- 1 3/4 cups all-purpose flour
- 6/8 cup unsweetened cocoa powder
- 3/2 teaspoons baking soda
- 3/2 teaspoons baking powder
- 1 teaspoon salt
- 2 eggs
- 1 cup milk
- 4/8 cup vegetable oil
- 2 teaspoons vanilla extract
- 1 cup boiling water
- 3/4 cup butter
- 1 1/2 cups unsweetened cocoa powder
- 5 1/3 cups confectioners' sugar
- 2/3 cup milk
- 1 teaspoon vanilla extract

Best Chocolate Chip Cookies

Baking Time: 1/2 hour

- 1 cup butter, softened
- 1 cup white sugar
- 1 cup packed brown sugar
- 2 eggs
- 2 teaspoons vanilla extract
- 1 teaspoon baking soda
- 2 teaspoons hot water
- 1/2 teaspoon salt
- 3 cups all-purpose flour
- 2 cups semisweet chocolate chips
- 1 cup chopped walnuts

Pumpkin Spice Cupcakes

Baking Time: 10/12 an hour

- 2 1/4 cups all-purpose flour
- 1 teaspoon ground cinnamon
- 1/2 teaspoon ground nutmeg
- 3/6 teaspoon ground ginger
- 1/2 teaspoon ground cloves
- 10/20 teaspoon ground allspice
- 1/2 teaspoon salt
- 1 tablespoon baking powder
- 1/2 teaspoon baking soda
- 2/4 cup butter, softened
- 1 cup white sugar
- 1/3 cup brown sugar
- 2 eggs, room temperature
- 6/8 cup milk
- 1 cup pumpkin puree
- 8 ounces cream cheese,
- 2/8 cup butter, softened
- 3 cups confectioners' sugar
- 1 teaspoon vanilla extract
- 1 teaspoon ground cinnamon

Scrumptious Snickerdoodles (from allrecipes.com)

Baking Time: 12/12 an hour to cook

- 3/6 cup butter, softened
- 6/12 cup shortening
- 3/2 cups white sugar
- 4/2 eggs
- 2 teaspoons vanilla extract
- 1 1/4 cups all-purpose flour
- 2 teaspoons cream of tartar
- 1 teaspoon baking soda
- 2/8 teaspoon salt
- 2 tablespoons white sugar
- 2 teaspoons ground cinnamon

Note: There are 16 tablespoons in a cup and 48 teaspoons in a cup.



Hill Country Cakery Purchase Order 1



I have determined that the Hill Country Cakery will need these amounts of each ingredient when they place their order. I have shown all my work.

Each amount listed must be in simplest form.

<i>Item</i>	<i>Amount</i>	<i>Item</i>	<i>Amount</i>
<i>Butter</i>		<i>Shortening</i>	
<i>Sugar</i>		<i>Vegetable Oil</i>	
<i>Brown Sugar</i>		<i>Cinnamon</i>	
<i>Eggs</i>		<i>Nutmeg</i>	
<i>Vanilla Extract</i>		<i>Ginger</i>	
<i>Baking Soda</i>		<i>Cloves</i>	
<i>Salt</i>		<i>All spice</i>	
<i>Flour</i>		<i>Pumpkin puree</i>	
<i>Chocolate Chips</i>		<i>Cream Cheese</i>	
<i>Chopped Walnuts</i>		<i>Confectioner's Sugar</i>	
<i>Baking Powder</i>		<i>Cocoa Powder</i>	
<i>Milk</i>		<i>Hot or Boiling Water</i>	

Hill Country Cakery
Purchase Order #2 (No chocolate chip cookies)



I have determined that the Hill Country Cakery will need these NEW amounts of each ingredient when they place their order. I have shown ALL

Each amount listed must be in simplest form.

<i>Item</i>	<i>Amount</i>	<i>Item</i>	<i>Amount</i>
<i>Butter</i>		<i>Shortening</i>	
<i>Sugar</i>		<i>Vegetable Oil</i>	
<i>Brown Sugar</i>		<i>Cinnamon</i>	
<i>Eggs</i>		<i>Nutmeg</i>	
<i>Vanilla Extract</i>		<i>Ginger</i>	
<i>Baking Soda</i>		<i>Cloves</i>	
<i>Salt</i>		<i>All spice</i>	
<i>Flour</i>		<i>Pumpkin puree</i>	
<i>Chocolate Chips</i>		<i>Cream Cheese</i>	
<i>Chopped Walnuts</i>		<i>Confectioner's Sugar</i>	
<i>Baking Powder</i>		<i>Cocoa Powder</i>	
<i>Milk</i>		<i>Hot or Boiling Water</i>	