

# Raspberry Cake

This problem gives you the chance to:

- halve the amounts in a recipe
- solve a simple fraction problem in a practical context



Robyn loves baking cakes. Here is the list of ingredients for her favorite raspberry cake. It serves eight people.

## Raspberry Cake

6 oz sugar  
2 eggs  
4 oz margarine  
5 oz cornstarch  
1 lb flour  
 $\frac{1}{2}$  lb raspberries  
 $3\frac{1}{2}$  oz cream



Robyn always makes her cakes on the day they will be eaten.

Today there are only four people to eat her cake, so she will make half the recipe. She has begun by using half the sugar.

1. How much of each ingredient should Robyn use?

3 oz sugar

\_\_\_\_\_ lb flour

\_\_\_\_\_ egg(s)

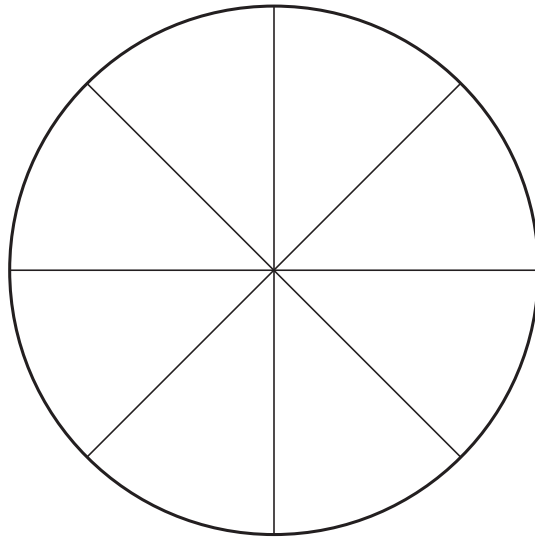
\_\_\_\_\_ lb raspberries

\_\_\_\_\_ oz margarine

\_\_\_\_\_ oz cream

\_\_\_\_\_ oz cornstarch

2. Robyn cut her cake into eight equal pieces.



Three people had two pieces of cake, and one person had just one piece.

What fraction of the cake was eaten? \_\_\_\_\_

Show this amount on the diagram above.

What fraction of the cake was left? \_\_\_\_\_

3. Next week, Robyn will make her raspberry cake for a party. There will be twenty people at the party. Robyn wants to make a cake that will be large enough to serve twenty people.

How many pounds of raspberries will be needed? \_\_\_\_\_ lb

How much cream will be needed? \_\_\_\_\_ oz