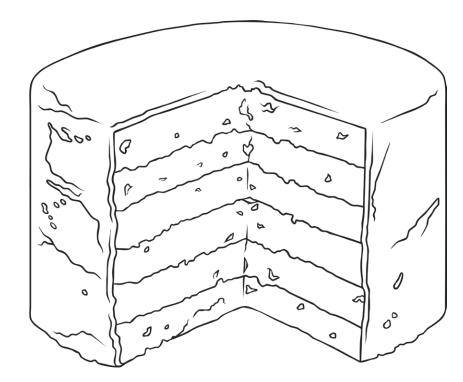
# Cake Creator - Player 1

I can solve a problem and check the answer using estimation.

In pairs, take turns to select a word problem to complete. Once I in pairs, take turns to select a word problem to complete. Once completed, ask your partner to check your answer. If your answer is completed, ask your partner to check your answer. If your answer is correct, colour a layer of your cake. The first person to colour their | correct, colour a layer of your cake. The first person to colour their entire cake wins!



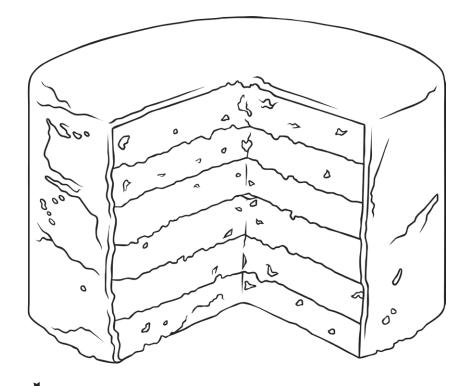


#### Maths | Year 6 | Addition, Subtraction, Multiplication and Division I Solve Problems I Lesson 3 of 5: Cupcake Creator

# Cake Creator - Player 2

I can solve a problem and check the answer using estimation.

entire cake wins!







A recipe for a chocolate cake requires 245g of sugar.

How many grams of sugar are needed for 12 cakes?



A recipe for some delicious banana bread requires 312g of flour.

How many grams of flour are needed for 15 banana breads?



Margot is baking a wedding cake. The recipe requires 532g of butter.
She cuts off part of a butter block and it weighs 0.276kg.

How many more grams of butter does she need for the recipe?



A container holds 3.6kg of flour. Amelia uses 1763g.

How many kilograms of flour is left in the container?



Marina sells cookies in boxes of 24.

If she sells seven boxes of cookies, how many cookies did she sell in total?

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Emily and her four friends buy a bag of chocolate truffles. The chocolate truffles cost £13.25. They share the cost between them.

How much do they pay each?



Markus and his six friends go to a sweet shop. The total cost of the sweets is £48.09. They share the cost equally between them.

How much do they pay each?



Rachel is making a batch of cookies. She uses 0.62kg of butter, 500g of light brown sugar, 625g of caster sugar, 1.35kg of selfraising flour and 0.8kg of chocolate chips.

What is the total weight of her ingredients?



Cihan is making
Viennese whirls. He uses
0.6kg of salted butter,
520g of icing sugar,
0.005kg of baking soda,
0.8kg of plain flour, 10g of
cornflour, 300g of butter
and 0.15kg of strawberry
jam.

What is the total weight of his ingredients?



A baker's recipe for flapjack requires 240g of oats. This makes 18 flapjacks.

What quantity of oats is needed to make 24 flapjacks?

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Ingredients:

240ml vegetable oil,
eight eggs,

200g self-raising flour,
320g caster sugar,

1 tsp ground cinnamon,
880g grated carrot.

How much of each ingredient is needed to make three mini carrot cakes?

Here are the ingredients for a ciabatta plait.

Ingredients (serves 10)
500g white flour,
7g dried yeast,
1g salt,
350ml water.

How many grams of flour would be needed to serve 45 people?

Here are the ingredients for a ciabatta plait.

Ingredients (serves 10)
500g white flour,
7g dried yeast,
1g salt,
350ml water.

How many millilitres of water would be in each serving?

Jin wants to bake some chocolate biscuits.

Here is the recipe:
200g dark chocolate,
75g butter,
225g sugar,
150g self-raising flour.

Jin only has 50g of butter.

How much sugar will he
now need?

A box contains 54 bags of chocolates. Each bag

How many chocolates are in one box?

contains 29 chocolates.

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A box contains 78 bags of cookies. Each bag contains 13 cookies.

How many cookies are in one box?



Tariq has 1.32kg of flour before baking. After baking, he has 684g of flour left.

How much flour did he use in kilograms?



A store receives a delivery.
15 694 bags of sugar,
3842 bags of flour and
19 284 bags of hazelnuts
are delivered.

How many items are delivered altogether?



A store receives a delivery. 21 483 of bags of selfraising flour, 5342 bags of sugar and 12 483 bags of raisins are delivered.

How many items are delivered altogether?



A cookie contains 0.012kg of raisins.

How many grams of raisins would 3156 cookies contain?

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# Cake Creator Answers

A recipe for a chocolate cake requires 245g of sugar. How many grams of sugar are needed for 12 cakes?

# 2940g or 2.94kg

A recipe for some delicious banana bread requires 312g of flour. How many grams of flour are needed for 15 banana breads?

# 4680g or 4.68kg

Margot is baking a wedding cake. The recipe requires 532g of butter. She cuts off part of a butter block and it weighs 0.276kg. How many more grams of butter does she need for the recipe?

## 2569

A container holds 3.6kg of flour. Amelia uses 1763g. How many kilograms of flour is left in the container?

### 1.837kg

Marina sells cookies in boxes of 24. If she sells seven boxes of cookies, how many cookies did she sell in total?

#### 168 cookies

Emily and her four friends buy a bag of chocolate truffles. The chocolate truffles cost £13.25. They share the cost between them. How much do they pay each?

#### £2.65

Markus and his six friends go to a sweet shop. The total cost of the sweets is £48.09. They share the cost equally between them. How much do they pay each?

#### £6.87

Rachel is making a batch of cookies. She uses 0.62kg of butter, 500g of light brown sugar, 625g of caster sugar, 1.35kg of self-raising flour and 0.8kg of chocolate chips. What is the total weight of her ingredients?

# 3895g or 3.895kg

Cihan is making Viennese whirls. He uses 0.6kg of salted butter, 520g of icing sugar, 0.005kg of baking soda, 0.8kg of plain flour, 10g of cornflour, 300g of butter and 0.15kg of strawberry jam. What is the total weight of his ingredients?

# 2385g or 2.385kg

A baker's recipe for flapjack requires 240g of oats. This makes 18 flapjacks. What quantity of oats is needed to make 24 flapjacks?

#### 3209

This recipe makes 12 mini carrot cakes.

Ingredients; 240ml vegetable oil, eight eggs, 200g self-raising flour, 320g caster sugar, 1 teaspoon ground cinnamon, 880g grated carrot.

How much of each ingredient is needed to make three mini carrot cakes?

60ml vegetable oil
two eggs
50g self-raising flour
80g caster sugar
1/4 teaspoon of ground cinnamon
220g grated carrot

Here are the ingredients for a ciabatta plait. Ingredients (serves 10)

500g white flour, 7g dried yeast, 1g salt, 350ml water.

How many grams of flour would be needed to serve 45 people?

#### 22509





# Cake Creator Answers

Here are the ingredients for a ciabatta plait. Ingredients (serves 10)

500g white flour, 7g dried yeast, 1g salt, 350ml water.

How many millilitres of water would be in each serving?

#### 35ml of water

Jin wants to bake some chocolate biscuits.

Here is the recipe:

200g dark chocolate, 75g butter, 225g sugar, 150g self-raising flour.

Jin only has 50g of butter. How much sugar will he now need?

### 150g

A box contains 54 bags of chocolates. Each bag contains 29 chocolates. How many chocolates are in one box?

#### 1566 chocolates

A box contains 78 bags of cookies. Each bag contains 13 cookies. How many cookies are in one box?

#### 1014 cookies

Tariq has 1.32kg of flour before baking. After baking, he has 684g of flour left. How much flour did he use in kilograms?

# 0.636kg

A store receives a delivery. 15 694 bags of sugar, 3842 bags of flour and 19 284 bags of hazelnuts are delivered. How many items are delivered altogether?

#### 38 820

A store receives a delivery. 21 483 of bags of self-raising flour, 5342 bags of sugar and 12 483 bags of raisins are delivered. How many items are delivered altogether?

#### 39 308

A cookie contains 0.012kg of raisins. How many grams of raisins would 3156 cookies contain?

# 37 872g of raisins

