## 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 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 entire cake wins!

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

## Cake Creator - Player 2

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

In pairs, take turns to select a word problem to complete. Once 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 entire cake wins!


| A recipe for a chocolate cake requires 245 g of sugar. <br> How many grams of sugar are needed for 12 cakes? | A recipe for some delicious banana bread requires 312 g of flour. <br> How many grams of flour are needed for 15 banana breads? | Margot is baking a wedding cake. The recipe requires 532 g of butter. <br> She cuts off part of a butter block and it weighs 0.276 kg . <br> How many more grams of butter does she need for the recipe? | A container holds 3.6 kg of flour. Amelia uses 1763 g . <br> How many kilograms of flour is left in the container? | Marina sells cookies in boxes of 24 . <br> If she sells seven boxes of cookies, how many cookies did she sell in total? |
| :---: | :---: | :---: | :---: | :---: |
| twinkt.com | twinkt.om | twinkt.om | twinkt.com | twink.con |
| Emily and her four friends buy a bag of chocolate truffles. The chocolate truffles cost $£ 13.25$. They share the cost between them. <br> 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. <br> How much do they pay each? | Rachel is making a batch of cookies. She uses 0.62 kg of butter, 500 g of light brown sugar, 625 g of caster sugar, 1.35 kg of selfraising flour and 0.8 kg of chocolate chips. <br> What is the total weight of her ingredients? | Cihan is making Viennese whirls. He uses 0.6 kg of salted butter, 520 g of icing sugar, 0.005 kg of baking soda, 0.8 kg of plain flour, 10 g of cornflour, 300 g of butter and 0.15 kg of strawberry jam. <br> What is the total weight of his ingredients? | A baker's recipe for flapjack requires 240 g of oats. This makes 18 flapjacks. <br> What quantity of oats is needed to make 24 flapjacks? |



## Cake Creator Answers

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

## 2940 g or 2.94 kg

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

## 4680 g or 4.68 kg

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

## 2569

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

### 1.837 kg

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

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

## 3895 g or 3.895 kg

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

2385 g or 2.385 kg

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

## 320 g

This recipe makes 12 mini carrot cakes.
Ingredients; 240 ml vegetable oil, eight eggs, 200 g self-raising flour, 320 g caster sugar, 1 teaspoon ground cinnamon, 880 g grated carrot.
How much of each ingredient is needed to make three mini carrot cakes?

## 60 ml vegetable oil two eggs <br> sog self-raising flour $80 g$ caster sugar <br> $1 / 4$ teaspoon of ground cinnamon <br> 220 g grated carrot

Here are the ingredients for a ciabatta plait. Ingredients (serves 10)
500 g white flour, 7 g dried yeast, 1 g salt, 350 ml water.
How many grams of flour would be needed to serve 45 people?

## Cake Creator Answers

Here are the ingredients for a ciabatta plait.
Ingredients (serves 10 )
500 g white flour, 7 g dried yeast, 1 g salt, 350 ml
water.
How many millilitres of water would be in each
serving?
35 ml of water

Jin wants to bake some chocolate biscuits.
Here is the recipe:
200 g dark chocolate, 75 g butter, 225 g sugar, 150 g self-raising flour.
Jin only has 50 g of butter. How much sugar will he now need?

1509
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 1.32 kg of flour before baking. After baking, <br> he has 684 g of flour left. How much flour did he use <br> in kilograms? |
| :--- |
| 0.636 kg |
| A store receives a delivery. 15694 bags of sugar, <br> 3842 bags of flour and 19 284 bags of hazelnuts are <br> delivered. How many items are delivered altogether? |
| 38820 |
| A store receives a delivery. 21483 of bags of self- <br> raising flour, 5342 bags of sugar and 12483 bags of <br> raisins are delivered. How many items are delivered <br> altogether? |
| 39308 |
| A cookie contains 0.012 kg of raisins. How many grams <br> of raisins would 3156 cookies contain? |
| 372 g of raisins |

