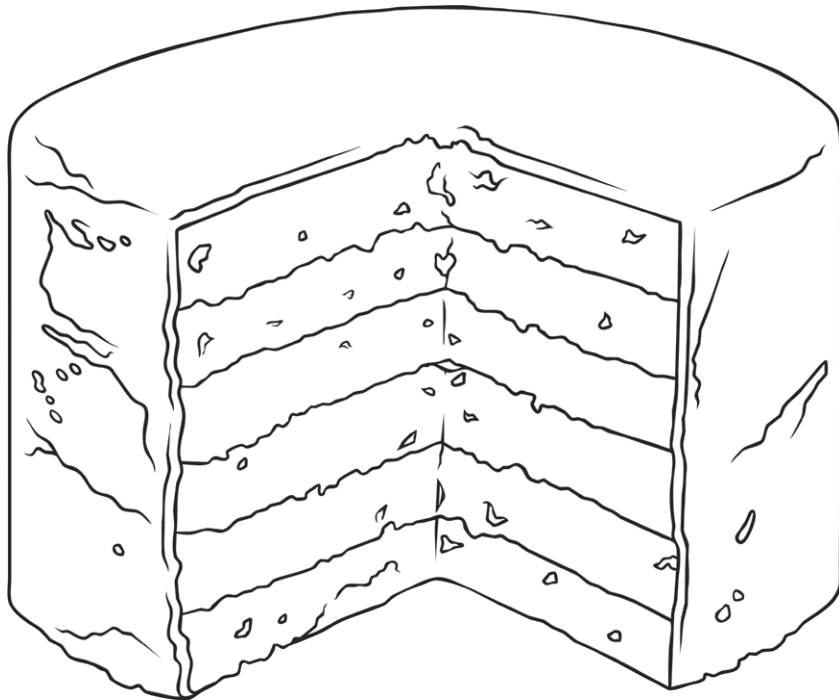


# Cake Creator - Player 1

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

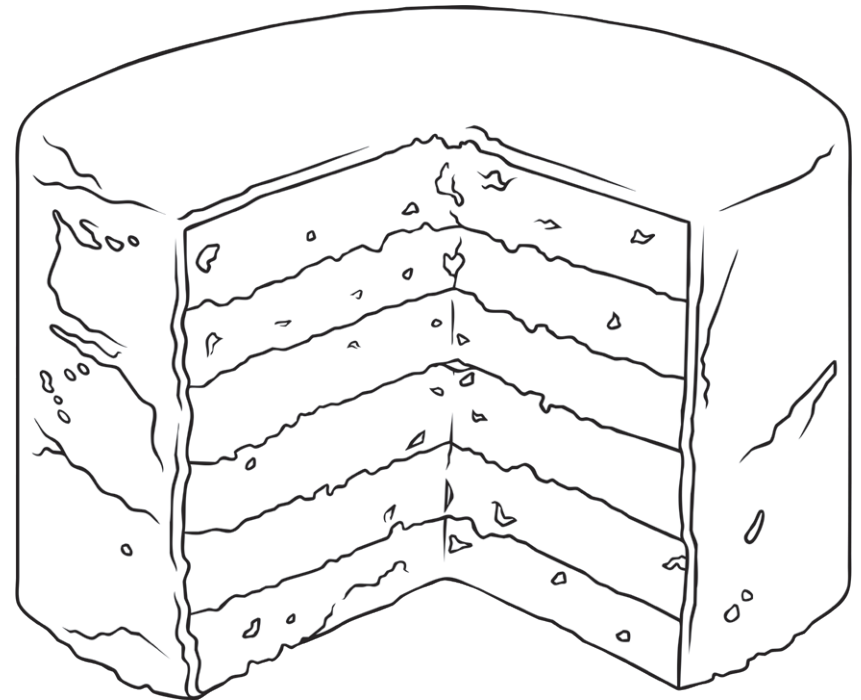
In pairs, take turns to select a word problem to complete. Once completed, ask your partner to check your answer. If your answer is correct, colour a layer of your cake. The first person to colour their entire cake wins!



# 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!





This year, the school is having a bake sale. Two teams of children bake cookies. Dardan's team sells cookies in boxes of 36. Ayla's team sells cookies in bags of 20. Dardan's team bake eight boxes and Alya's team bake 12 bags of cookies.

How many cookies did the children bake altogether?



Cookies are sold in boxes of 36 and in bags of 20.

How many more cookies are there in five boxes than in five bags?



Packets of crisps are sold in boxes of 28 and in bags of 12.

How many more packets of crisps are there in seven boxes than in seven bags?



A recipe for a rhubarb drizzle cake:

400g flour  
200g sugar  
100g rhubarb  
125ml oil  
250ml milk  
Two eggs

John buys a 1.6kg bag of flour to make a larger cake. How much sugar and oil will be needed to make this cake?



A recipe for a rhubarb drizzle cake:

400g flour  
200g sugar  
100g rhubarb  
125ml oil  
250ml milk  
Two eggs

Martha had six eggs, but one egg broke. She wants to make the cake using five eggs. How much of each ingredient does she need?



A recipe for a rhubarb drizzle cake:

400g flour  
200g sugar  
100g rhubarb  
125ml oil  
250ml milk  
Two eggs

Marcel only has 150ml of milk. How much of the remaining ingredients will he need instead?



Ingredients for chocolate biscuits:

200g dark chocolate  
75g butter  
225g sugar  
Two eggs  
150g self-raising flour

A teacher is going to use the recipe with his class of children. He buys a box of 12 eggs. Sugar comes in 500g bags. How many bags of sugar will the teacher need?



Large chocolate cake - £9.75

Medium lemon cake - £7.99

Small Victoria sponge cake - £5.50

Hamed has £15 to buy cake.

What are the different combinations of cakes that he can buy?



Large chocolate cake - £9.75

Medium lemon cake - £7.99

Small Victoria sponge cake - £5.50

Eliza has £20 and Iwan has £10. They buy one large chocolate cake and three small Victoria sponges. They agree to share the cost in a ratio of 2:1.

How much will they each pay?



Trudy wants a whisk that costs £4.85, a set of spatulas that costs £7.62 and a mixing bowl that costs £12.74. Trudy already has £13.60.

How much more money does Trudy need?



Nessa wants a measuring jug that costs £5.35, a set of measuring spoons that cost £4.58 and an electric whisk that costs £21.46. Nessa already has £17.49.

How much more money does Nessa need?



Malik bought three boxes of sugar and two boxes of flour. Each box of sugar contained 16 bags and each box of flour contained 21 bags.

How many more bags of sugar than bags of flour did Malik buy?



Ralph bought five boxes of raisins and three boxes of nuts. Each box of raisins contained 47 bags and each box of nuts contained 63 bags.

How many more bags of raisins than bags of nuts did Ralph buy?



Baking Show Tickets:  
Adult £11.65  
Child £7.80

A group of 32 children and four adults are going to the baking show.

How much will it cost altogether?



Cookery Class  
Adult £9.35  
Child £5.90

A group of 27 children and six adults are attending a cookery class.

How much will it cost altogether?



Before dinner break, Ruth has a cooking class for 40 minutes. Dinner break lasts for 45 minutes and ends at 11.20a.m.

What time does her cooking class start?



Maya needs to finish baking for 11a.m. She starts baking at 8.50a.m. It takes 98 minutes to finish baking.

How many minutes before 11a.m. does she finish?



Rufus needs to finish baking for 1p.m. He starts at 10.54a.m. It takes him 44 minutes to prepare his ingredients and 30 minutes to finish baking.

How many minutes before 1p.m. does he finish?



At the beginning of June, a store bought a mixer and priced it at £530. By the end of the month, the mixer had not sold, so the store marked it down 30%. Roman then sold the mixer, earning a commission of 10% of the sale price.

How much commission did he make from the sale?



The cake shop target sales are 1600 cakes per week. By Wednesday, Assistant A has sold 535 cakes and assistant B has sold 284.

How many more cakes do they have to sell to meet the shop's target?



# Cake Creator Answers

This year, the school is having a bake sale. Two teams of children bake cookies. Dardan's team sells cookies in boxes of 36. Ayla's team sells cookies in bags of 20. Dardan's team bake eight boxes and Ayla's team bake 12 bags of cookies. How many cookies did the children bake altogether?

**528**

Cookies are sold in boxes of 36 and in bags of 20. How many more cookies are there in five boxes than in five bags?

**80**

Packets of crisps are sold in boxes of 28 and in bags of 12. How many more packets of crisps are there in seven boxes than in seven bags?

**112**

A recipe for a rhubarb drizzle cake:

400g flour  
200g sugar  
100g rhubarb  
125ml oil  
250ml milk

Two eggs

John buys a 1.6kg bag of flour to make a larger cake. How much sugar and oil will be needed to make this cake?

**800g sugar  
500ml oil**

A recipe for a rhubarb drizzle cake:

400g flour  
200g sugar  
100g rhubarb  
125ml oil  
250ml milk

Two eggs

Martha had six eggs, but one egg broke. She wants to make the cake using five eggs. How much of each ingredient does she need?

**1kg flour  
500g sugar  
250g rhubarb  
312.5ml oil  
625ml milk**

A recipe for a rhubarb drizzle cake:

400g flour  
200g sugar  
100g rhubarb  
125ml oil  
250ml milk

Two eggs

Marcel only has 150ml of milk. How much of the remaining ingredients will he need instead?

**240g flour  
120g sugar  
60g rhubarb  
75ml oil  
1 large egg**

Ingredients for chocolate biscuits:

200g dark chocolate  
75g butter  
225g sugar  
Two eggs  
150g self-raising flour

A teacher is going to use the recipe with his class of children. He buys a box of 12 eggs. Sugar comes in 500g bags. How many bags of sugar will the teacher need?

**Three bags of sugar**



# Cake Creator Answers

Large chocolate cake £9.75  
Medium lemon cake £7.99  
Small Victoria sponge cake £5.50  
Hamed has £15 to buy cake. What are the different combinations of cakes that he can buy?

***One large chocolate cake; one medium lemon cake and one small Victoria sponge cake, two small Victoria sponge cakes.***

Large chocolate cake £9.75  
Medium lemon cake £7.99  
Small Victoria sponge cake £5.50  
Eliza has £20 and Iwan has £10. They buy one large chocolate cake and three small Victoria sponges. They agree to share the cost in a ratio of 2:1. How much will they each pay?

***Eliza £17.50  
Iwan £8.75***

Trudy wants a whisk that costs £4.85, a set of spatulas that costs £7.62 and a mixing bowl that costs £12.74. Trudy already has £13.60. How much more money does Trudy need?

***£11.61***

Nessa wants a measuring jug that costs £5.35, a set of measuring spoons that cost £4.58 and an electric whisk that costs £21.46. Nessa already has £17.49. How much more money does Nessa need?

***£13.90***

Malik bought three boxes of sugar and two boxes of flour. Each box of sugar contained 16 bags and each box of flour contained 21 bags. How many more bags of sugar than bags of flour did Malik buy?

***6***

Ralph bought five boxes of raisins and three boxes of nuts. Each box of raisins contained 47 bags and each box of nuts contained 63 bags. How many more bags of raisins than bags of nuts did Ralph buy?

***46***

Baking Show Tickets  
Adult £11.65  
Child £7.80  
A group of 32 children and four adults are going to the baking show. How much will it cost altogether?

***£296.20***

Cookery Class  
Adult £9.35  
Child £5.90  
A group of 27 children and six adults are attending a cookery class. How much will it cost altogether?

***£215.40***

Before dinner break, Ruth has a cooking class for 40 minutes. Dinner break lasts for 45 minutes and ends at 11.20a.m. What time does her cooking class start?

***9.55a.m.***

Maya needs to finish baking for 11a.m. She starts baking at 8.50a.m. It takes 98 minutes to finish baking. How many minutes before 11a.m. does she finish?

***10.28a.m. - 32 minutes***

Rufus needs to finish baking for 1p.m. He starts at 10.54a.m. It takes him 44 minutes to prepare his ingredients and 30 minutes to finish baking. How many minutes before 1p.m. does he finish?

***12.08p.m. = 52 minutes***



# Cake Creator Answers

At the beginning of June, a store bought a mixer and priced it at £530. By the end of the month, the mixer had not sold, so the store marked it down 30%. Roman then sold the mixer, earning a commission of 10% of the sale price. How much commission did he make from the sale?

**£37.10**

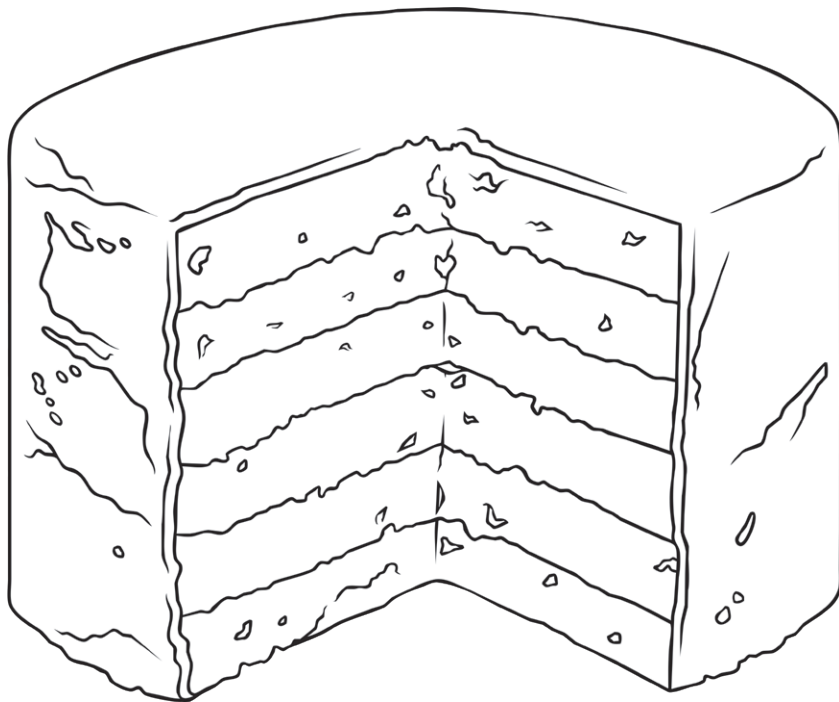
The cake shop target sales are 1600 cakes per week. By Wednesday, Assistant A has sold 535 cakes and assistant B has sold 284. How many more cakes do they have to sell to meet the shop's target?

**781 cakes**

# Cake Creator - Player 1

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

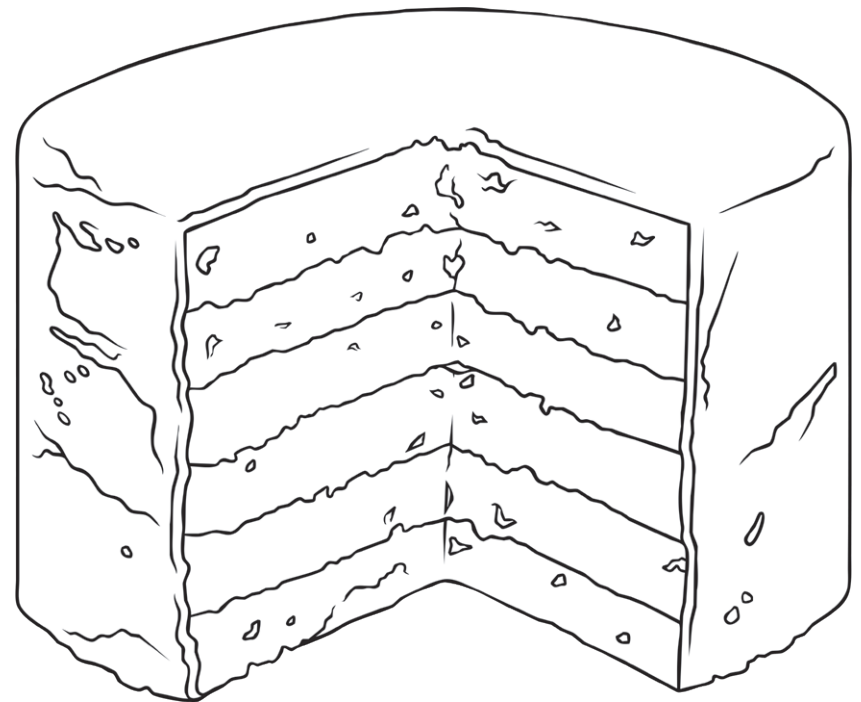
In pairs, take turns to select a word problem to complete. Once completed, ask your partner to check your answer. If your answer is correct, colour a layer of your cake. The first person to colour their entire cake wins!



# 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 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?



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 self-raising 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?





This recipe makes 12 mini carrot cakes.

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 contains 29 chocolates.

How many chocolates are in one box?



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 self-raising 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?



# 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?

**256g**

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?

**320g**

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**

**¼ 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?

**2250g**



# 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**

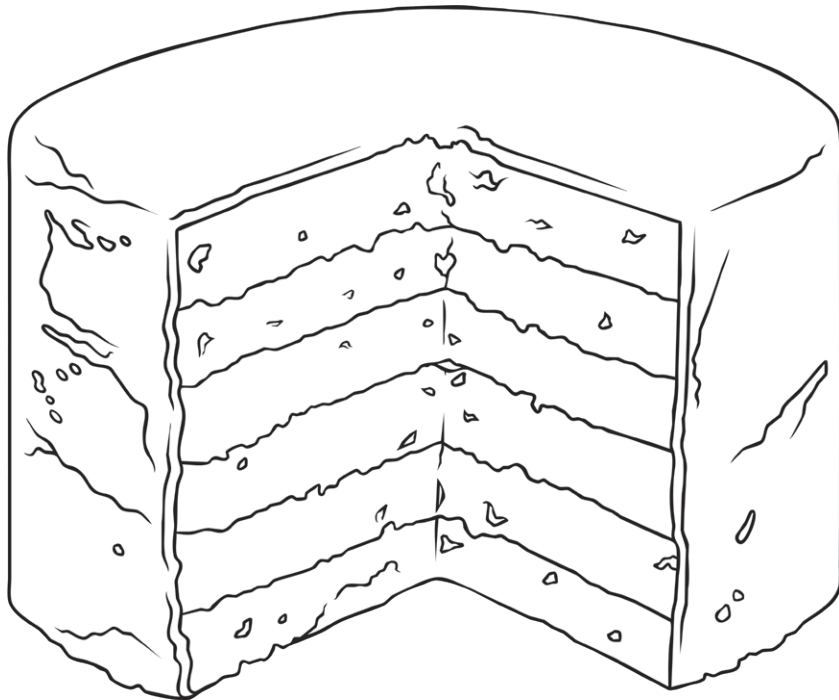
A cookie contains 0.012kg of raisins. How many grams of raisins would 3156 cookies contain?

**37 872g of raisins**

# Cake Creator - Player 1

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

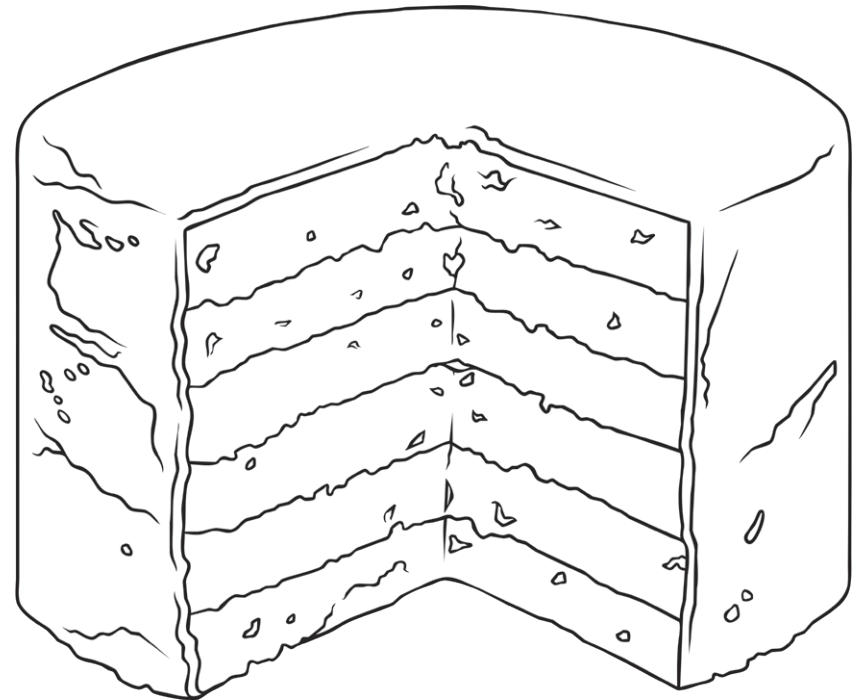
In pairs, take turns to select a word problem to complete. Once completed, ask your partner to check your answer. If your answer is correct, colour a layer of your cake. The first person to colour their entire cake wins!



# 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!





After the bake sale, one box of 36 cookies and one bag of 12 cookies remained. The organisers decided to give the remaining cookies to the six students who helped at the bake sale. Each student received the same number of cookies.

How many cookies do they each receive?



A the recipe for the most amazing chocolate cake.

Recipe (serves 10)  
220g plain flour  
350g caster sugar  
85g cocoa powder  
2 eggs  
250ml milk  
120ml vegetable oil

How many grams of caster sugar would be in four servings?



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 is a recipe for a rhubarb drizzle cake:

400g flour  
200g sugar  
100g rhubarb  
125ml oil  
250ml milk  
2 eggs

Mariam only has 100ml of oil. How much milk and flour will she now need?



Here is the list of ingredients for chocolate biscuits:

200g dark chocolate  
75g butter  
225g sugar  
2 eggs  
150g self-raising flour

Kira only has 50g butter. How much flour will she now need?



Here is the list of ingredients for chocolate biscuits:

200g dark chocolate  
75g butter  
225g sugar  
2 eggs  
150g self-raising flour

Kat has a 300g bar of chocolate. What weight of sugar will she now need?



Dorothy is saving her money for a new mixer costing £564.

If she has already saved £53 and is then given £287 for her birthday, how much more does she need to save?



A chocolate factory needs to make 1345 bags of chocolate an hour.

If a machine breaks down and the factory only makes 588 bags in one hour, how many does it need to make in the next hour to catch up?



Maaria and Susan were selling cakes to raise money for their chosen charities. Maaria raised £146.75 and Susan raised £425.25. They added their money together and split the total equally between five charities.

How much money did each charity receive?



Doughnuts come in packs of 12. At the beginning of the week, the store had 78 packs of doughnuts. At the end of the week, there were 25 packs remaining.

How many individual doughnuts were sold?



Cupcakes come in packs of four. At the beginning of the week, the store had 425 packs of cupcakes. At the end of the week, there were 124 packs remaining.

How many individual cupcakes were sold?



There are 12 eggs in each egg tray and I bought 14 trays.

I used four trays of eggs this weekend, how many individual eggs do I have left?



Bags of sugar cost 78p and I bought five.

If I paid with a £10 note, how much change did I receive?



Rosie bought three cakes, each costing £8.45. She paid with £30.00.

How much change did she receive?



Markus bought four spatulas, each costing £1.75. He paid with a £10 note.

How much change did he receive?



Emil has four 700g bags of raisins.

If he uses 1574g of raisins, how many grams does he have left?



Large chocolate cake - £9.75  
Medium lemon cake - £8.05

Small Victoria sponge cake - £5.50

Four children buy one large chocolate cake and one medium lemon cake, sharing the cost equally.

How much do they each pay?



Large chocolate cake - £9.75  
Medium lemon cake - £7.99

Small Victoria sponge cake - £5.50

Five children bought two large chocolate cakes and one small Victoria sponge cake, sharing the cost equally.

How much did they each pay?



Large chocolate cake - £9.75  
Medium lemon cake - £7.99

Small Victoria sponge cake - £5.50

The cake shop runs a 'Happy Hour', where large cakes are sold at  $\frac{1}{3}$  off.

How much would be saved by buying a large cake in the 'Happy Hour', rather than a medium cake?



The cake shop target sales are 1600 cakes per week. By Wednesday, Assistant A has sold 535 cakes and assistant B has sold 284.

How many more cakes do they have to sell to meet the shop's target?



# Cake Creator Answers

After the bake sale, one box of 36 cookies and one bag of 12 cookies remained. The organisers decided to give the remaining cookies to the six students who helped at the bake sale. Each student received the same number of cookies. How many cookies do they each receive?

**8 cookies**

A recipe for the most amazing chocolate cake.

Recipe – Serves 10

220g plain flour

350g caster sugar

85g cocoa powder

2 eggs

250ml milk

120ml vegetable oil

How many grams of caster sugar would be in four servings?

**140g**

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?

**2250g**

Here is a recipe for a rhubarb drizzle cake:

400g flour

200g sugar

100g rhubarb

125ml oil

250ml milk

2 eggs

Mariam only has 100ml of oil. How much milk and flour will she now need?

**200ml milk**

**320g flour**

Here is the list of ingredients for chocolate biscuits:

200g dark chocolate

75g butter

225g sugar

2 eggs

150g self-raising flour

Kira only has 50g butter. How much flour will she now need?

**100g**

Here is the list of ingredients for chocolate biscuits:

200g dark chocolate

75g butter

225g sugar

2 eggs

150g self-raising flour

Kat has a 300g bar of chocolate. What weight of sugar will she now need?

**337.5g**

Dorothy is saving her money for a new mixer costing £564. If she has already saved £53 and is then given £287 for her birthday, how much more does she need to save?

**£224**



# Cake Creator Answers

A chocolate factory needs to make 1345 bags of chocolate an hour. If a machine breaks down and the factory only makes 588 bags in one hour, how many does it need to make in the next hour to catch up?

**2102 bags**

Maaria and Susan were selling cakes to raise money for their chosen charities. Maaria raised £146.75 and Susan raised £425.25. They added their money together and split the total equally between five charities. How much money did each charity receive?

**£114.40**

Doughnuts come in packs of 12. At the beginning of the week, the store had 78 packs of doughnuts. At the end of the week, there were 25 packs remaining. How many individual doughnuts were sold?

**636 doughnuts**

Cupcakes come in packs of four. At the beginning of the week, the store had 425 packs of cupcakes. At the end of the week, there were 124 packs remaining. How many individual cupcakes were sold?

**1204 cupcakes**

There are 12 eggs in each egg tray and I bought 14 trays. I used four trays of eggs this weekend, how many individual eggs do I have left?

**120 eggs**

Bags of sugar cost 78p and I bought five. If I paid with a £10 note, how much change did I receive?

**£6.10**

Rosie bought three cakes, each costing £8.45. She paid with £30.00. How much change did she receive?

**£4.65**

Markus bought four spatulas, each costing £1.75. He paid with a £10 note. How much change did he receive?

**£3**

Emil has four 700g bags of raisins. If he uses 1574g of raisins, how many grams does he have left?

**1226g**

Large chocolate cake £9.75

Medium lemon cake £8.05

Small Victoria sponge cake £5.50

Four children buy one large chocolate cake and one medium lemon cake, sharing the cost equally. How much do they each pay?

**£4.45**

Large chocolate cake £9.75

Medium lemon cake £7.99

Small Victoria sponge cake £5.50

Five children bought two large chocolate cakes and one small Victoria sponge cake, sharing the cost equally. How much did they each pay?

**£5**

Large chocolate cake £9.75

Medium lemon cake £7.99

Small Victoria sponge cake £5.50

The cake shop runs a 'Happy Hour', where large cakes are sold at  $\frac{1}{3}$  off. How much would be saved by buying a large cake in the 'Happy Hour', rather than a medium cake?

**£1.49**





# Cake Creator Answers

The cake shop target sales are 1600 cakes per week. By Wednesday, Assistant A has sold 535 cakes and assistant B has sold 284. How many more cakes do they have to sell to meet the shop's target?

***781 cakes***

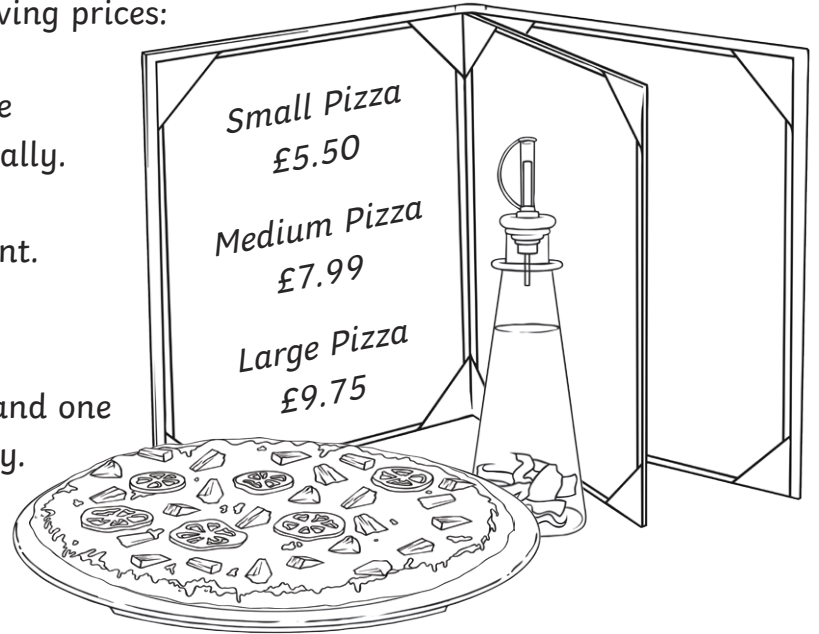


# Extra Challenge

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



Pizzas are sold by a Pizzeria for the following prices:



- 1) Four children buy one large and one medium pizza, sharing the cost equally. How much do they each pay? Give your answer as a whole amount.

\_\_\_\_\_

- 2) Five children buy two large pizzas and one small pizza, sharing the cost equally. How much do they each pay?

\_\_\_\_\_

- 3) Hamed has £15 to buy pizza. What are the different options of pizzas he can buy?

\_\_\_\_\_

- 4) The Pizzeria has a special offer. Buy one large pizza or two medium pizzas and get a small pizza free. Krystian buys two large pizzas and two medium pizzas for a party. How many small pizzas does he get with the special offer, and how much does he save?

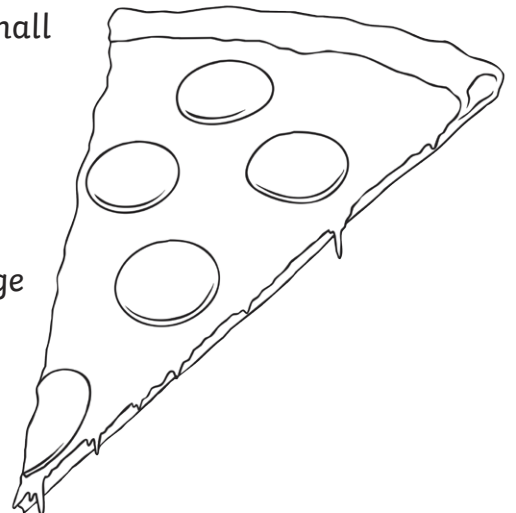
\_\_\_\_\_

- 5) Eight children buy one large, one medium and three small pizzas. They share the cost equally. How much do they each pay?

\_\_\_\_\_

- 6) Morgan has £20 and Lowri has £10. They buy one large and three small pizzas. They agree to share the cost in a ratio of 2:1. How much will they each pay?

Morgan: \_\_\_\_\_ Lowri: \_\_\_\_\_





- 7) The Pizzeria runs a 'Happy Hour', where the large pizzas are sold at  $\frac{1}{3}$  off. How much would be saved by buying a large pizza in the 'Happy Hour', rather than a medium pizza?
- 
- 8) A teacher buys some large pizzas for a class party. There are 30 children in the class. Each child contributes £2 towards the pizzas. How many large pizzas can the teacher buy and how much money will be left?
- 
- 9) A football team have an end of season celebration. They have £95 to buy pizza. If the larger pizzas are better value, what is the best way to spend the money?
- 
- 10) The relative sizes of the pizzas are 3:2:1, so a large pizza is 3 times as big as a small pizza, and a medium pizza is twice as big as a small pizza. What is the most expensive way of buying the equivalent of a large pizza?
- 



# Extra Challenge Answers

Question	Answer
1. Four children buy one large and one medium pizza, sharing the cost equally. How much do they each pay? Give your answer as a whole amount.	<b>£4.44 each</b>
2. Five children buy two large pizzas and one small pizza, sharing the cost equally. How much do they each pay?	<b>£5</b>
3. Hamed has £15 to buy pizza. What are the different options of pizzas he can buy?	<b>1 large (£9.75) 1 medium and 1 small (£13.49) 2 small (£11)</b>
4. The Pizzeria has a special offer. Buy one large pizza or two medium pizzas and get a small pizza free. Krystian buys two large pizzas and two medium pizzas for a party. How many small pizzas does he get with the special offer, and how much does he save?	<b>3 free small pizzas saving £16.50.</b>
5. Eight children buy one large, one medium and three small pizzas. They share the cost equally. How much do they each pay?	<b>£4.28</b>
6. Morgan has £20 and Lowri has £10. They buy one large and three small pizzas. They agree to share the cost in a ratio of 2:1. How much will they each pay?	<b>Morgan: £17.50 Lowri: £8.75</b>
7. The Pizzeria runs a 'Happy Hour', where the large pizzas are sold at $\frac{1}{3}$ off. How much would be saved by buying a large pizza in the 'Happy Hour', rather than a medium pizza?	<b>£1.49</b>

8. A teacher buys some large pizzas for a class party. There are 30 children in the class. Each child contributes £2 towards the pizzas. How many large pizzas can the teacher buy and how much money will be left?	<b>6 pizzas with £1.50 left.</b>
9. A football team have an end of season celebration. They have £95 to buy pizza. If the larger pizzas are better value, what is the best way to spend the money?	<b>9 large and 1 small (£93.25).</b>
10. The relative sizes of the pizzas are 3:2:1, so a large pizza is 3 times as big as a small pizza, and a medium pizza is twice as big as a small pizza. What is the most expensive way of buying the equivalent of a large pizza?	<b>3 small pizzas (£16.50), as 1 medium and 1 small (£13.49) and 1 large (£9.75).</b>



# Read

Read the question.  
What is the important  
information?



# Understand

Understand the question.  
What do you need to  
find out?



# Choose

Choose the correct method of calculation and operation(s).



# Solve

Solve the problem.  
Make sure you follow the steps.



# Answer

Answer the question.  
What were you meant  
to find out?



# Check

Check your answer.  
Use the inverse to check  
your working out.

# Target Board

135	26	8	5	115
1	83	48	16	32
54	73	23	9	24
5	89	2	4	13

# Target Board

135	26	8	5	115
1	83	48	16	32
54	73	23	9	24
5	89	2	4	13