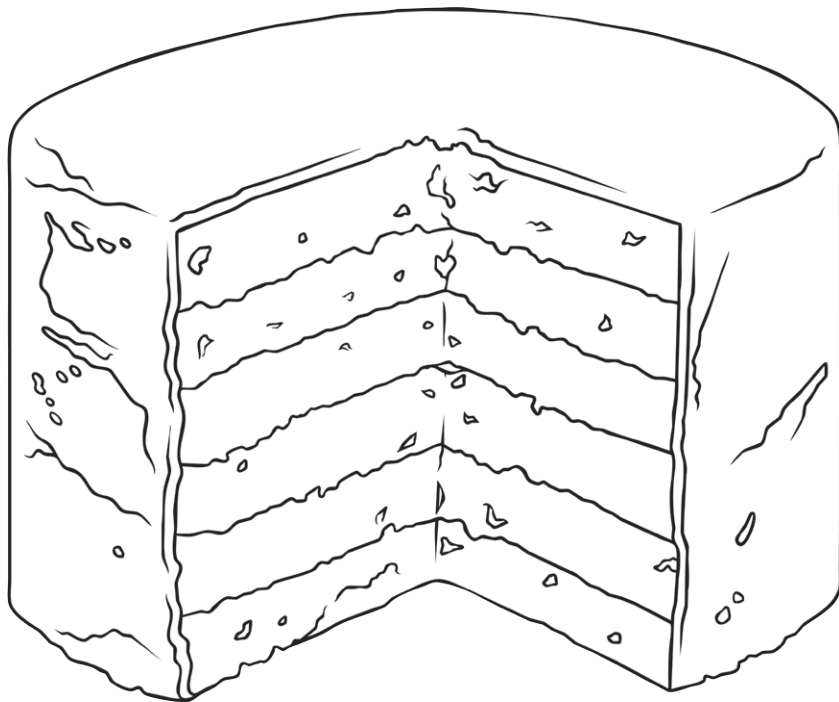# Cake Creator - Player 1

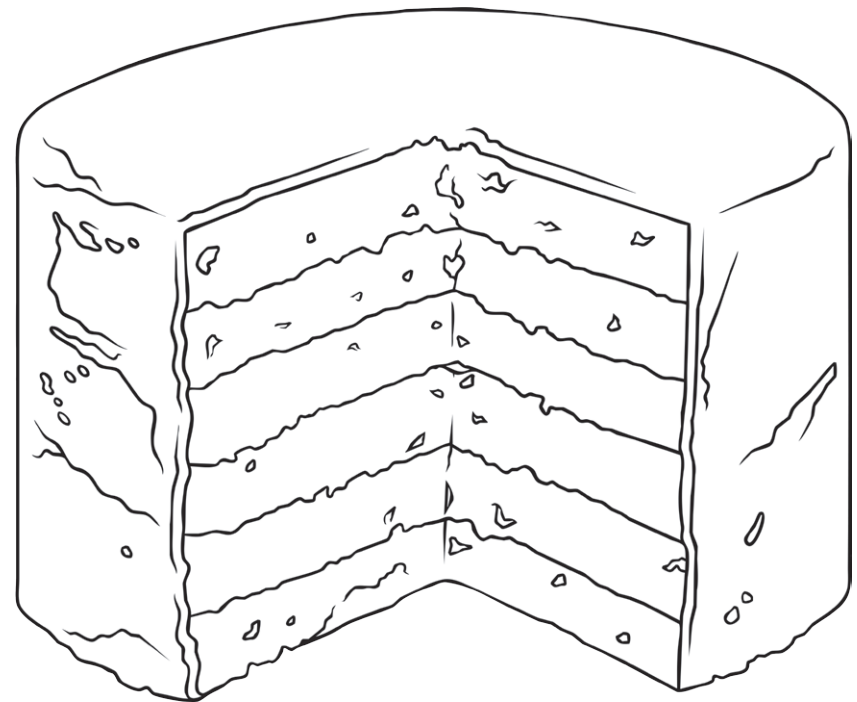I can solve a problem and check the answer using estimation.

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!

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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!

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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

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

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