

Building Blocks - Recipes



Block 1

Complete the ratio tables

1	9
2	

5	25
30	

3	18
	42

9	31.5
	63

	150
21	450

Block 2

Use the chocolate cake recipe to answer the questions.

- If you want to make enough cake for 36 servings, how many eggs should you buy?
- If you have the exact amount of flour to make 9 servings, how much flour do you have?
- What is the ratio of flour to cocoa powder in its simplest form?
- If you have plenty of every ingredient, but only 1 kg of butter, what is the maximum number of servings you can make?

Chocolate Cake

Serves 12

4 eggs
225g caster sugar
200g flour
50g cocoa powder
250g butter

Block 3

Ewan is making some cakes.
He is using a recipe with the following ingredient list:

Ingredients for 4 cakes

160 g flour
180 g butter
150 ml milk
120 g rolled oats
110 g dried fruit

- Ewan has
1440 g flour,
1260 g butter,
1675 ml milk,
1170 g rolled oats
495 g dried fruit.

What is the maximum number of cakes Ewan can make?

- Ewan wants to be able to bake 30 cakes.

Which ingredients does he need to buy? How much more of each ingredient will he need?

Building Blocks - Recipes



Block 1

Complete the ratio tables

1	9
2	18

5	25
30	150

3	18
7	42

9	31.5
18	63

7	150
21	450

Block 2

Use the chocolate cake recipe to answer the questions.

- If you want to make enough cake for 36 servings, how many eggs should you buy? **12**
- If you have the exact amount of flour to make 9 servings, how much flour do you have? **150 g**
- What is the ratio of flour to cocoa powder in its simplest form? **4:1**
- If you have plenty of every ingredient, but only 1 kg of butter, what is the maximum number of servings you can make? **48**

Chocolate Cake

Serves 12

4 eggs
225g caster sugar
200g flour
50g cocoa powder
250g butter

Block 3

Ewan is making some cakes.
He is using a recipe with the following ingredient list:

Ingredients for 4 cakes

160 g flour
180 g butter
150 ml milk
120 g rolled oats
110 g dried fruit

- Ewan has
1440 g flour, **9**
1260 g butter, **7**
1675 ml milk, **11.16**
1170 g rolled oats **9.75**
495 g dried fruit. **4.5**

What is the maximum number of cakes Ewan can make?

$$4.5 \times 4 = 18 \text{ cakes}$$

- Ewan wants to be able to bake 30 cakes.

Which ingredients does he need to buy? How much more of each ingredient will he need?

90 g butter
330 g dried fruit