

Grade 4

Making Chocolate Cake

Name: _____ Class: _____

Recipe for Chocolate Cake:

4 eggs (1 egg is about 75 gram)
150 gram of sugar
100 gram of hazelnut, finely ground
5 tablespoons cocoa powder
(1 table spoon is about 10 gram)

300 g dark chocolate
100ml whipping cream (50 ml is about 50 gram)



Question 1:

What is the total mass of this chocolate cake?

Question 2:

If I want to bake a cake of 500 gram, how much of the ingredients would I need?

Ingredients	Quantity (in grams)

Question 3:

What is the total mass of 5 chocolate cakes?

Question 4:

If I want to bake a cake of 6 kilogram, how much of the ingredients would I need?

Ingredients	Quantity (in grams)

Question 5:

If you have a 6 kg cake and divide it in 20 equal parts, what will be the mass of each part?

Question 6:

If you ate $\frac{3}{5}$ of a 6 kilogram chocolate cake, how much sugar did you eat?

Question 7:

Write your own question:

Answers:

Q1 1 kilogram

Q2 2 eggs, 75 g of sugar, 50 g of hazelnut, 25 g of cocoa powder, 150 g of dark chocolate and 50 ml of whipping cream

Q3 5 kilograms

Q4 24 eggs, 900 g of sugar, 600 g of hazelnut, 300 g of cocoa powder, 1,800 g of dark chocolate and 600 ml of whipping cream

Q5 300 grams

Q6 540 grams

Q7