



# GCSE Maths Takeaway 29 - Proportion Recipes

Name:.....

Date:.....

Doughnut Mix  
Ingredients to make 10 doughnuts:

- 350 ml of milk
- 180 g of flour
- 90g of sugar
- 4 eggs

Anton makes 40 doughnuts.  
How much milk does he need?

**A** 380 ml      **B** 3500 ml  
**C** 87.5 ml      **D** 1400 ml

Correct Answer: A B C D

Explanation:

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Doughnut Mix  
Ingredients to make 10 doughnuts:

- 350 ml of milk
- 180 g of flour
- 90g of sugar
- 4 eggs

Anton makes 4 doughnuts.  
How much sugar does he need?

**A** 225 g      **B** 36 g  
**C** 360 g      **D** 22.5 g

Correct Answer: A B C D

Explanation:

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Doughnut Mix  
Ingredients to make 10 doughnuts:

- 350 ml of milk
- 180 g of flour
- 90g of sugar
- 4 eggs

Anton uses 900g of flour  
How many doughnuts does he make?

**A** 100      **B** 5  
**C** 50      **D** 180

Correct Answer: A B C D

Explanation:

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The ratio of girls to boys in a class is **4 : 3**

If there are 28 children in the class altogether, how many girls are there?

**A** 16                      **B** 12

**C** 4                            **D** Must be a mistake in the question

Correct Answer: A B C D

Explanation:

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The ratio of girls to boys in a class is **1 : 4**

If there are 20 girls, how many boys are there?

**A** 80                      **B** 16

**C** 5                            **D** Must be a mistake in the question

Correct Answer: A B C D

Explanation:

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