

SQA Past paper questions

2024 - Paper 1 - Question 6

Jamie bought 2 identical cakes for his birthday.

His friends ate $\frac{2}{3}$ of the first cake.

His family ate $\frac{3}{4}$ of the second cake.

Calculate the **total** amount of cake left over.

Give your answer as a fraction of a cake.



3

Click [here](#) for video solution. 

2023 - Paper 1 - Question 3

The crowd at a rugby match was made up of home supporters, away supporters and people who were neutral.

- $\frac{3}{7}$ were home supporters.
- $\frac{2}{5}$ were away supporters.
- The remaining people were neutral.



Calculate the fraction of the crowd that were neutral.

3

Click [here](#) for video solution. 

2022 - Paper 1 - Question 8

Bryan, Jamie and Jessica bought **two** medium pizzas between them.

- Bryan ate $\frac{5}{7}$ of a pizza.
- Jamie ate $\frac{2}{3}$ of a pizza.
- Jessica ate the rest.



Calculate the total amount of pizza that Jessica ate.

Give your answer as a fraction of a pizza.

3

Click [here](#) for video solution. 

2021 - Paper 1 - Question 12

The votes in a school for a class representative were split as follows

- $\frac{2}{5}$ for Sam
- $\frac{4}{9}$ for Ashley
- the remaining votes were for Lesley.



Calculate the fraction of votes that were for Lesley. 3

Click [here](#) for video solution. 

2019 - Paper 1 - Question 10

A basic cookie dough mix requires butter, sugar, flour and chocolate chips.

- $\frac{1}{6}$ of the mix is butter
- $\frac{1}{3}$ of the mix is sugar
- $\frac{1}{4}$ of the mix is chocolate chips
- The rest of the mix is flour



Calculate the fraction of the mix that is flour. 3

Click [here](#) for video solution. 

2018 - Paper 1 - Question 5

Guests at a wedding were asked to choose their main course.

- $\frac{3}{7}$ of the guests chose chicken
- $\frac{1}{3}$ of the guests chose beef
- the remaining guests chose the vegetarian option.



Calculate the fraction of guests that chose the vegetarian option. 3

Click [here](#) for video solution. 