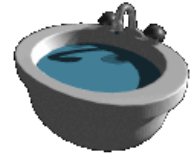


SQA Past paper questions

2024 - Paper 2 - Question 8(c)



The shop tracks the methods used to purchase a new bathroom.
The three methods available are debit card, credit card or cash.
Last year the purchase methods used were in a ratio of 3 : 4 : 2 respectively.
172 bathrooms were purchased using a credit card.

Calculate the total number of bathrooms purchased last year. 2

Click [here](#) for video solution. 

2023 - Paper 1 - Question 4

Geoffrey shared his savings between his three children, Sophie, Ed and Lucy.
The money was shared in the ratio 7 : 2 : 6.
Sophie received £3304.

Calculate how much money Geoffrey gave his three children in total. 3



Click [here](#) for video solution. 

2022 - Paper 2 - Question 6(b)

Pepe sells three different types of fire extinguishers.
In February he sold water, foam and powder fire extinguishers in the ratio 6:2:7
respectively.
He sold 56 powder fire extinguishers in February.

Calculate the total number of fire extinguishers he sold in February. 2



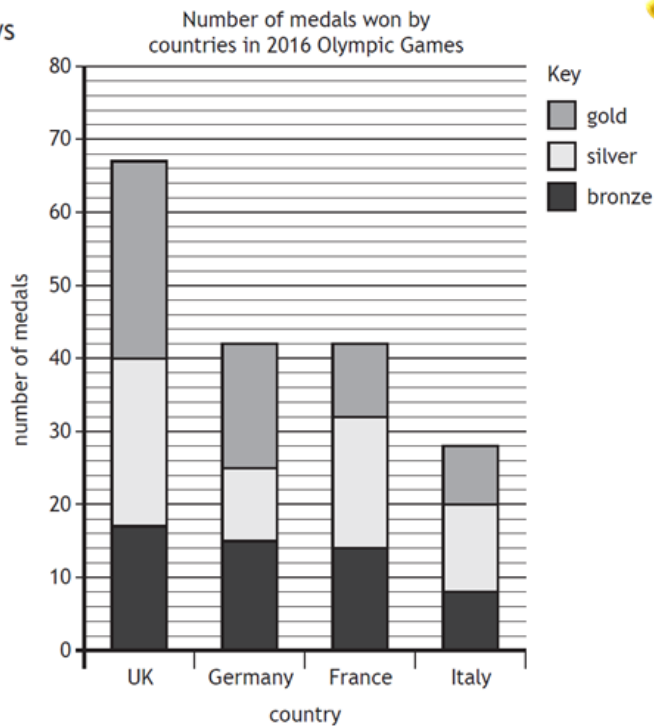
Click [here](#) for video solution. 

2021 - Paper 1 - Question 8

The bar chart below shows the medals won by four countries in the 2016 Olympic Games.

- (a) Calculate the number of gold medals won by the UK in the 2016 Olympic Games. 1

- (b) Calculate the ratio of gold : silver : bronze medals for France.
Give your answer in its simplest form. 2



Click [here](#) for video solution. 

2019 - Paper 1 - Question 11

Mary gave some money to four of her nieces.
It was shared in proportion to their ages.

Name	Age
Jane	4
Heather	11
Laura	9
Kate	6



Kate's share is £1950.

Calculate the total amount Mary gifted her nieces. 3

Click [here](#) for video solution. 

2018 - Paper 2 - Question 6

Ali, Kate and Jim are paid to deliver leaflets advertising a new restaurant.

They shared the money they were paid in a ratio of 3 : 5 : 7.

Jim received £154.

Calculate how much the restaurant paid, in total, to deliver the leaflets. 2



Click [here](#) for video solution. 

2017 - Paper 1 - Question 6

The mathematics teachers in a school win a lottery.

They decide to share their winnings in proportion to the amount they each pay per week.

They each pay the following amounts per week:

Mr Jones	£0.50
Miss Smith	£2.00
Mr Ross	£2.50
Mr Young	£4.00

Mr Young's share is £2 794 000.

Calculate how much the teachers win in total. 3



Click [here](#) for video solution. 