

A Ratio

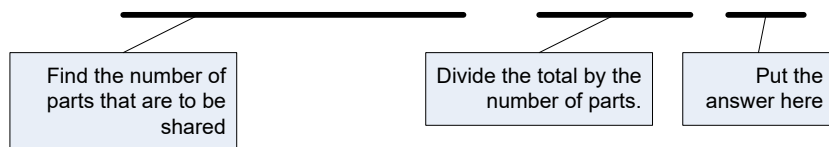
Calculate the number of parts in each of the following ratios.

4:5:6 _____ parts 7:3:8 _____ parts

8:3:12 _____ parts 9:3:8 _____ parts

B Find the value of one part when given a total.

Bill, Julie and Ted share £75 in the ratio 3:4:8. What is the value of one part?



C Find the value of one part when given a total.

Joanne, Neville and Imran share 35 sweets in the ratio 2:1:4. What is the value of one part?

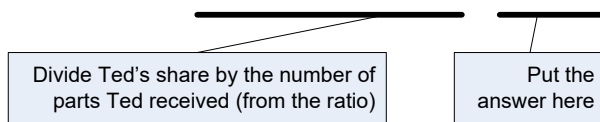
James, Simba and David share £250 in the ratio 9:12:4. What is the value of one part?

Marcus, Jeremy and Paula share 15 shopping bags in the ratio 2:1:2. How many shopping bags are the value of one part?

Charlie, Freda and Samantha share driving out in the ratio 4:5:7. Altogether, they drove 320 miles. What is the value of one share of the driving?

D Find the value of one part when given a single share.

Bill, Julie and Ted share some money in the ratio 3:4:8. Ted got £240. What is the value of one part?



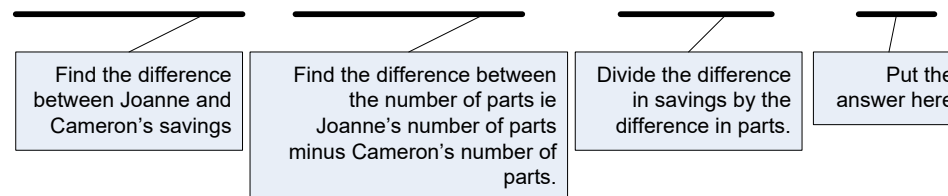
E Find the value of one part when given a single share.

Simon, David and Joshua shared some sweets in the ratio 6:7:4. David got 28 sweets. What is the value of one part?

Matthew, Mike and Sam went for a road trip. They divided the number of hours driving in the proportion 12:14:15. Sam drove for 56 hours. How much was the value of one part?

F Find the value of one part when given a difference between shares.

Nadia, Cameron and Joanne saved some money so that the ratio of their savings was 3:4:7. Joanne saved £12 more than Cameron. How much is the value of one part?

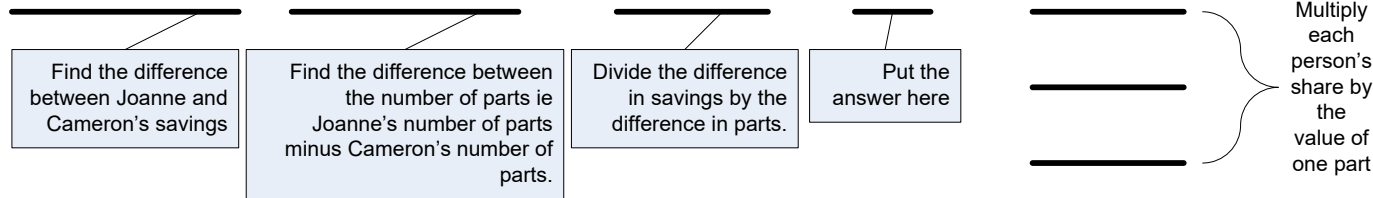


Vicky, Ben and Joshua have a large record collection that they have purchased over the years in the ratio 7:12:13. Ben has 30 more records than Vicky. How many records form one part?



G Find out how much each person has.

Nadia, Cameron and Joanne saved some money so that the ratio of the their savings was 3:4:7. Joanne saved £12 more than Cameron. How much did each person save?



Joanne, Neville and Imran share 35 sweets in the ratio 2:1:4. How many sweets did each person receive?

Matthew, Mike and Sam went for a road trip. They divided the number of hours driving in the proportion 12:14:15. Sam drove for 56 hours. For how long did each person drive?

James, Simba and David share £250 in the ratio 9:12:4. How much did each person share?

Bill, Julie and Ted share some money in the ratio 3:4:8. Ted got £240. How much was each person given?

Simon, David and Joshua shared some sweets in the ratio 6:7:4. David got 28 sweets. How many sweets did Simon and Joshua receive?

H Write these ratios as fractions.

4:5:6 _____

Add up the parts. This becomes the denominator.

6:9:22

11:26:19

12:23:41

Marcus, Jeremy and Paula share 15 shopping bags in the ratio 2:1:2. How many shopping bags did each person carry to the car?

Vicky, Ben and Joshua have a large record collection that they have purchased over the years in the ratio 7:12:13. Ben has 30 more records than Vicky. How many records had each person purchased?

Nadia, Cameron and Joanne saved some money so that the ratio of the their savings was 3:4:7. Joanne saved £12 more than Cameron. How much had each person saved?

Charlie, Freda and Samantha share driving out in the ratio 4:5:7. Altogether, they drove 320 miles. For how many miles did each person drive?

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Exchange Rates £1 : 1.70 Sin\$

I swap £450 into Singapore dollars. How much do I get?

I have Sin\$185 to change back into GB£. What do I get?

Multiply the amount by the exchange rate that you are changing the money into.

Divide the amount by the exchange rate of the money you are changing from.

I go to Australia with £1250. The exchange rate is £1:1.85 AU\$. I spend AU\$ 2150. How much money in GB£ do I return home with?

I go to the USA with \$4000. The exchange rate is £1:1.19 US\$. How much GB£ did I need to purchase this amount? I spent \$3650. How many GB£ did I have remaining?