

GCSE MATHEMATICS

PLC PROJECT

INSTRUCTIONS:

Ratio 1

Content

- Divide a quantity in a given ratio
- Solve word problems involving ratio and proportion

Question 1

Jack and Jill share £18 in the ratio 1:5

Work out how much each person gets.

Jack £

Jill £

(Total 3 marks)

Question 2

Two girls share £24.80 in the ratio 3:5

Work out the difference between the larger share and the smaller share.

£

(Total 3 marks)

Question 3

Here are the ingredients for making cheese pie for 6 people.

Cheese pie for 6 people
180 g flour
240 g cheese
80 g butter
4 eggs
160 ml milk

Bill makes a cheese pie for 3 people.

(a) Work out how much flour he needs.

..... g
(2)

Jenny makes a cheese pie for 15 people.

(b) Work out how much milk she needs.

..... ml
(2)

(Total 4 marks)

Total Mark / 10