|  |
| --- |
| My score: |
| Developing | 0 – 3 |
| Secure | 4 – 7 |
| Extending | 8 - 11 |

Name:

Form:

Submission date:

**Ratio homework**

1. Kitchen flooring is sold at £6.00 per 1 metre length.

Find the cost of:

1. 8m

…………………(1 mark)

1. 50cm

…………………(1 mark)

1. 70cm

…………………(1 mark)

1. These are the ingredients needed for making 9 rock cakes.

9 ounces of flour 6 ounces of sugar

6 ounces of margarine 8 ounces of mixed dried fruit

2 large eggs

Justin wants to make 12 rock cakes. How much of each ingredient will he need?

…………………(3 marks)

Section B – Ratio

1. Amy, Beth and Colin share 40 sweets in the ratio 1 : 2 : 5

 Work out the number of sweets that each of them receives.

Amy………….sweets

Beth………….sweets

Colin…………..sweets

(3 marks)

1. Pat and Julie share some money in the ratio 3 : 5

Julie gets £25

How much money did Pat get?

£..............................................

(2 marks)

|  |  |  |
| --- | --- | --- |
| Learning Objective | Achieved | Need practice |
| Using equivalent ratios, find an unknown value when another is given |  |  |
| Divide a given quantity in a given ratio |  |  |
| Understand and use direct and inverse proportion (not using equations involving the constant of proportionality) |  |  |