|  |  |
| --- | --- |
| My score: | |
| Developing | 0 - 3 |
| Secure | 4 - 6 |
| Extending | 7 - 9 |

Name:

Form:

Submission date:

**Ratio and Proportion homework**

1. Kitchen flooring is sold at £7.00 per 1 metre length.

Find the cost of:

1. 4m

…………………(1 mark)

1. 50cm

…………………(1 mark)

1. 700cm

…………………(1 mark)

1. These are the ingredients needed for making 6 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 24 rock cakes. How much of each ingredient will he need?

…………………(3 marks)

Section B – Ratio

1. What is the ratio of stars to moons?

……..……………….(1 mark)

1. There are 24 pupils in a class. 18 of them are girls. What is the ratio of boys to girls in its simplest form?

..........................................................................................................................

Answer ..........................................................................

(1)

1. Express the following as a fraction

Use 2 shovel of cement to 5 shovels of sand

Answer…………………………..

(1)

|  |  |  |
| --- | --- | --- |
| Learning Objective | Achieved | Need practice |
| Solve simple proportion problems |  |  |
| Use proportion in real contexts (including inverse) |  |  |
| Use ratio notation |  |  |
| Reduce a ratio to its simplest form |  |  |
| Understand the links between ratio and fractions |  |  |