Ratio and Proportion (H)

Post-Intervention Assessment

Name: _____

Class: _____

Date: _____

Question	Objective	RAG
1	Calculate the best value product	
2	Calculate with recipes	
3	Calculate with exchange rates	
4	Use direct and inverse proportion	

1. Potatoes cost £9 for a 12.5 kg bag at a farm shop.
The same type of potatoes cost £1.83 for a 2.5 kg bag at a supermarket.
Where are the potatoes the better value, at the farm shop or at the supermarket? You must show your working.

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2. Here are the ingredients needed to make 12 shortcakes.

Shortcakes
Makes **12** shortcakes
50g of sugar
200g of butter
200g of flour
10ml of milk

Liz makes some shortcakes. She uses 25 ml of milk.
(a) How many shortcakes does Liz make?

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Robert has
500 g of sugar
1000 g of butter
1000 g of flour
500 ml of milk
(b) Work out the greatest number of shortcakes Robert can make.

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3. The exchange rate in London is £1 = €1.14 The exchange rate in Paris is €1 = £0.86
Elaine wants to change some pounds into euros.
In which of these cities would Elaine get the most euros? You must show all of your working.

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4. f is inversely proportional to d.
When d = 50, f = 256
Find the value of f when d = 80

f = ...

[Glue here]