

Name: \_\_\_\_\_ Date: \_\_\_\_\_







# Solving money problems

Use all four operations to solve problems involving money using decimal notation, including scaling

## You will need:

- pencil and paper

- 1 Find the answer to each of the word problems. If there is a remainder, think carefully whether it needs to be rounded up or down, or converted to a fraction or decimal answer to fit the question.

<p><b>a</b> The farmer has £4678 to spend on plants. He decides to buy some small plants for £5 each. How many plants can he buy? How much money is left?</p> 	<p><b>b</b> The farmer needs a new tractor. The tractor costs £9346. He pays for the tractor in four equal monthly instalments at an additional cost of 20% per month. What is his total monthly outlay?</p> 
<p><b>c</b> The farm has some produce to sell. Cheddar cheese sells for £9.50 per kilogram. Catherine buys 400 grams of cheese. How much does she pay?</p> 	<p><b>d</b> The farmer has a crop of 3549 kg of potatoes. They are packed equally into four containers. How many kilograms of potatoes are in each container?</p> 
<p><b>e</b> Clotted cream for scones costs £8.60 for 1 kg. Catherine buys a pot of clotted cream at a cost of £2.15. How many grams of clotted cream does she buy?</p> 	<p><b>f</b> 1 kg of strawberries costs £4.80. Barry buys a punnet of strawberries weighing 650 g. How much does he pay?</p> 

- 2 Write your own word problems for these calculations. Swap them with a friend to solve. Write your word problems on the back of this sheet.

**a**  $(12 \times 345) + (4500 \div 12)$

**b**  $(4256 \div 8) + (8 \times 220) + 256$