

Canonbury Home Learning

Year 6 Maths

Developing activity

Lesson 3

LO: TBAT solve problems including money.

Success Criteria:

1. Use subtraction to find the missing value.
2. Ensure that the decimals in the numbers are lined up.
3. Use the inverse to check your answer.

Model

Finding change from £10.

① £4.73

Do not forget to borrow.

Ensure decimals are in line.

Start on the right-hand side.

Ensure place values are in line.

Use subtraction

$$\begin{array}{r}
 \cancel{10} \cdot 00 \\
 - 4 \cdot 73 \\
 \hline
 5 \cdot 27
 \end{array}$$

Now try...

Money magic


How much should you add to each amount to make £10?

1. £6.75	4. £4.88
2. £5.82	5. £5.71
3. £8.17	6. £2.56

How much do you have if you double each amount?

7. £7.50	9. £4.83
8. £11.84	10. £35.62

11. What is ten times fifty 2p coins?
12. What is twenty times twenty-five 5p coins?



Canonbury Home Learning

Year 6 Maths

Expected/ Greater depth activity

Lesson 3

LO: TBAT solve problems involving money.

Task:

You are going apply your knowledge to solve several problems including money.

Success Criteria:

1. Identify the amounts in the questions.
2. Choose the correct operation.
3. Solve.
4. Check your answers.

Recap:



How much should you add to make an amount? Make £50.

① £33.57

Do not forget to borrow.
Ensure decimals are in line.

Start on the right-hand side.

Use subtraction →

Ensure place values are in line.

£50.00

£33.57

£16.43

* Check your answer using the inverse.



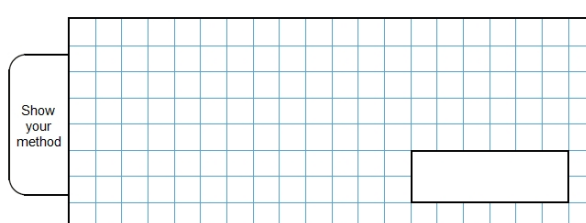


£33.57
+ £16.43

£50.00

Year 6 Maths

Main activity

Complete at least 2 columns, more if you can!

Task 1	Task 2	Task 3	Task 4														
<p>Practice</p> <p>How much should you add to each amount to make £50?</p> <ol style="list-style-type: none"> 1. £26.75 2. £45.82 3. £38.17 4. £23.92 5. £26.48 6. £47.45 	<p>Arithmetic</p> <table border="1"> <tr> <td>15</td> <td>$0.3 \times 3 =$</td> </tr> <tr> <td>16</td> <td>$\frac{1}{7} = \frac{?}{21}$</td> </tr> <tr> <td>17</td> <td>$36.4 - 27.8 =$</td> </tr> <tr> <td>18</td> <td>15% of 90 =</td> </tr> <tr> <td>19</td> <td>$\begin{array}{r} 729 \\ \times \quad 54 \\ \hline \end{array}$</td> </tr> <tr> <td>20</td> <td>$\frac{7}{9}$ of 45 =</td> </tr> <tr> <td>21</td> <td>$221 \div 17 =$</td> </tr> </table>	15	$0.3 \times 3 =$	16	$\frac{1}{7} = \frac{?}{21}$	17	$36.4 - 27.8 =$	18	15% of 90 =	19	$\begin{array}{r} 729 \\ \times \quad 54 \\ \hline \end{array}$	20	$\frac{7}{9}$ of 45 =	21	$221 \div 17 =$	<p>Problem Solving</p> <p>Q1.</p> <p>Here are some amounts of money.</p> <p>Circle all the amounts that can be made with three coins.</p> <p>71p 72p 73p 74p 75p</p> <p>Q2.</p> <p>Write these prices in order from smallest to largest.</p> <p>99p £10.50</p> <p>£0.75 £9 £2.05</p> <p>smallest largest</p> <p>Q3.</p> <p>Mina and Seb share these coins so that they each have the same amount of money.</p>  <p>Mina chooses her coins first.</p> <p>Seb takes the rest of the coins.</p> <p>Which coins could Mina choose?</p>	<p>Reasoning</p> <p>Q4.</p> <p>A bag of 5 lemons costs £1</p> <p>A bag of 4 oranges costs £1.80</p>  <p>How much more does one orange cost than one lemon?</p> <p>Show your method</p>  <p>Q5.</p> <p>One toffee apple needs:</p> <ul style="list-style-type: none"> 1 stick, 100 g of sugar, 1 apple.  <p>50 sticks cost £6.25</p> <p>1 kg of sugar costs £0.99</p> <p>100 apples cost £22.50</p>  <p>Children buy just enough sticks, sugar and apples to make 100 toffee apples.</p> <p>They sell all 100 toffee apples for £1 each.</p> <p>The profit goes to charity.</p> <p>Work out how much money goes to charity.</p>
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