

Homework/Extension

Step 4: Subtracting Money

National Curriculum Objectives:

Mathematics Year 3: (3C1) [Add and subtract numbers mentally, including three-digit number and ones](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Match two number lines to the corresponding subtraction. Involves subtracting amounts of money with no exchange. Pictorial support is used alongside values. Includes scaffolding.

Expected Match two number lines to the corresponding subtraction. Involves subtracting amounts of money with some exchanges.

Greater Depth Match two number lines to the corresponding subtraction. Involves subtracting amounts of money with exchanges. Conversion between £ and p used within the same question.

Questions 2, 5 and 8 (Varied Fluency)

Developing Identify who had a specific amount of money, using knowledge of subtraction. Involves subtracting amounts of money with no exchanges. Pictorial support is used alongside values. Includes scaffolding for the answer.

Expected Identify who had a specific amount of money, using knowledge of subtraction. Involves subtracting amounts of money with some exchanges.

Greater Depth Identify who had a specific amount of money, using knowledge of subtraction. Involves subtracting amounts of money with exchanges. Conversion between £ and p used within the same question.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Decide who has correctly worked out a given subtraction and explain why. Involves subtracting amounts of money with no exchange. Pictorial support is used alongside values. Includes scaffolding.

Expected Decide who has correctly worked out a given subtraction and explain why. Involves subtracting amounts of money with an exchange.

Greater Depth Decide who has correctly worked out a given subtraction and explain why. Involves subtracting amounts of money with exchanges. Conversion between £ and p used within the same question.

More [Year 3 Money](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

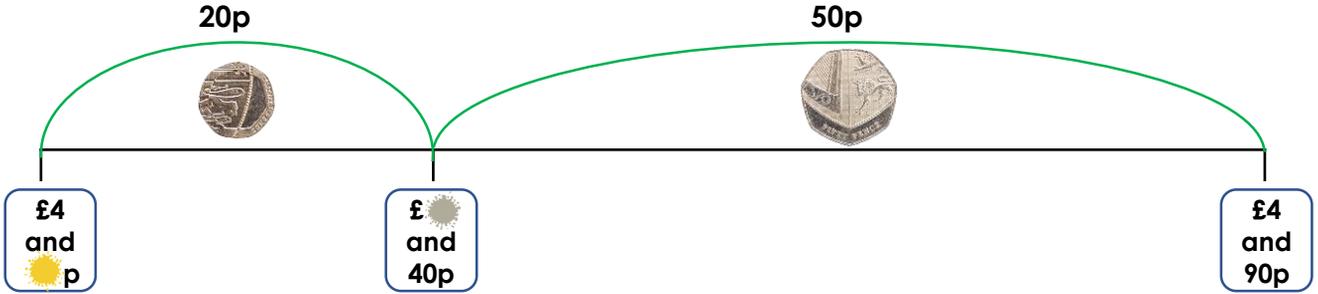
Subtracting Money

1. Match the number line below to the subtraction that it shows.

Cross coins out to show what has been subtracted.



Then, add the coins that are left together.



A. £4 and 90p – 60p = £4 and 30p

B. £4 and 80p – 60p = £4 and 20p

C. £4 and 90p – 70p = £4 and 20p



VF
HW/Ext

2. These children all think they have dropped some money on the same road at some point during the day. Some coins, shown below, were found near the park.



I had £3 and 90p.
Now, I have £2 and 30p.



I had £4 and 70p.
I only have £3 and 40p now.



I had £4 and 40p
I only have £3 and 20p now.

£ ___ and ___ p – £ ___ and ___ p = £1 and 30p

Which child dropped this money?



VF
HW/Ext

3. Gerald and Keily are discussing the subtraction shown below.

Cross coins out to show what has been subtracted.



Then, add the coins that are left together.

£4 and 80p – £2 and 30p



£4 – £2 = £2.
70p – 30p = 40p.
The answer is £2 and 40p.

£4 – £2 = £2
80p – 30p = 50p
The difference is £2 and 50p.



Who do you agree with? Explain your reasoning.

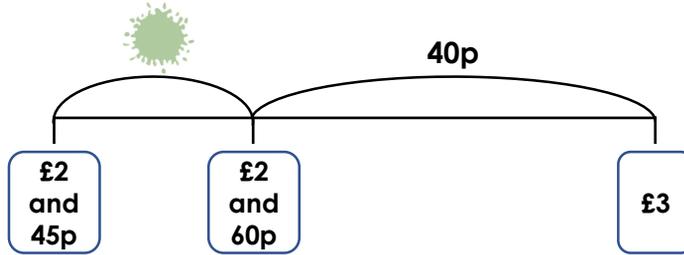


RPS
HW/Ext

Subtracting Money

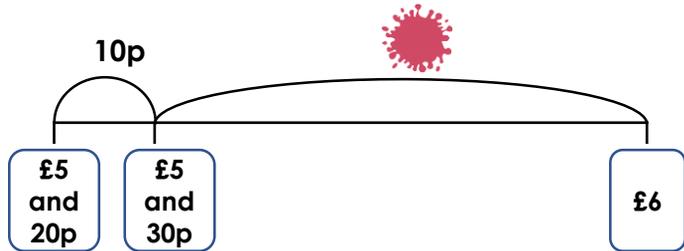
4. Match each number line below to the subtraction that it shows.

A. $£6 - 75p = £5 \text{ and } 25p$



C. $£3 - 45p = £2 \text{ and } 55p$

B. $£3 - 55p = £2 \text{ and } 45p$



D. $£6 - 80p = £5 \text{ and } 20p$



VF
HW/Ext

5. These children all think they have dropped some money on the same road at some point during the day. Some coins, shown below, were found near the bus stop.



This morning, I had $£6 \text{ and } 35p$. Now, I only have $£3 \text{ and } 85p$.



I had $£7 \text{ and } 75p$ this morning. Now, I can only find $£5 \text{ and } 60p$.



I know that I had $£5 \text{ and } 20p$. I only have $£3 \text{ and } 15p$ now.

Which child dropped this money?



VF
HW/Ext

6. Rosanna and Larry are discussing the subtraction shown below.

$£8 \text{ and } 35p - £4 \text{ and } 70p$



$35p - 70p$ needs an exchange.
The answer is $£3 \text{ and } 65p$.

Rosanna

$£8 - £4 = £4$.
 $70p - 35p = 35p$.
The difference is $£4 \text{ and } 35p$.



Larry

Who do you agree with? Explain your reasoning.



RPS
HW/Ext

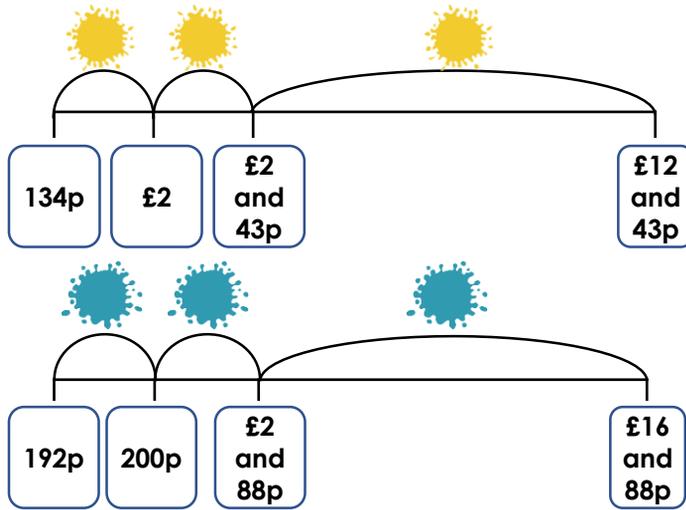
Subtracting Money

7. Match each number line below to the full subtraction that it shows.

A. £16 and 88p
- £14 and 96p
= 192p

B. £12 and 43p
- £11 and 19p
= 134p

C. £16 and 88p
- £14 and 69p
= 209p



D. £12 and 43p
- 397p
= £8 and 46p

E. £16 and 88p
- £14 and 86p
= £1 and 92p

F. £12 and 43p
- £11 and 9p
= £1 and 34p



VF
HW/Ext

8. These children all think they have dropped some money on the same road at some point during the day. Some coins and notes, were found near the corner shop.

Three 5p coins, one £5 note and three 50p coins

 Tabitha: This morning, I had £18 and 74p. Now, I only have £12 and 9p.

 Jed: I had £19 and 23p in my wallet. Now, I can only find £12 and 67p.

 Jexi: I had £18 and 81p earlier. I only have £11 and 16p now.

 Stan: I definitely had £14 and 43p earlier. I only have 878p now.

Which child dropped this money?



VF
HW/Ext

9. Jayden and Bridie are discussing the subtraction shown below.

Eight 20p coins, three £2 coins, one £10 note, two 2p coins and two 5p coins

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Two £1 coins, two 10p coins, four 2p coins, one £5 note and two 50p coins

 Jayden: $£16 - £8 = £8$
 $£1 \text{ and } 74p - 28p = 146p$
 $£8 \text{ and } 146p = 946p$

 Bridie: $£16 - £7 = £9$
 $£1 \text{ and } 34p - 128p = 6p$
 $£9 + 6p = £9 \text{ and } 6p$

Who do you agree with? Explain your reasoning.



RPS
HW/Ext

Homework/Extension

Subtracting Money

Developing

1. **C**
2. This money must belong to Yara because $\pounds 4$ and $70\text{p} - \pounds 3$ and $40\text{p} = \pounds 1$ and 30p .
3. Keily is correct because $\pounds 4$ and $80\text{p} - \pounds 2$ and $30\text{p} = \pounds 2$ and 50p . Gerald used 70p instead of 80p .

Expected

4. The first number line should be matched to B. The second number line should be matched to D.
5. This money must belong to Paddy because $\pounds 5$ and $20\text{p} - \pounds 3$ and $15\text{p} = \pounds 2$ and 5p .
6. Rosanna is correct because an exchange is necessary for this subtraction and her answer is correct.

Greater Depth

7. The first number line should be matched to F. The second number line should be matched to E.
8. This money must belong to Tabitha because $\pounds 18$ and $74\text{p} - \pounds 12$ and $9\text{p} = \pounds 6$ and 65p .
9. Jayden is correct because he has subtracted all the pounds correctly before subtracting the pence, $\pounds 17$ and $74\text{p} - \pounds 8$ and $28\text{p} = \pounds 9$ and 46p . Bridie miscalculated the value of eight 20p coins which affected her working out and her overall answer.