

Homework/Extension

Step 1: Count Money – Pence

National Curriculum Objectives:

Mathematics Year 2: (2M3a) [Recognise and use symbols for pounds \(£\) and pence \(p\); combine amounts to make a particular value](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Order the groups of coins by value from smallest to largest. Use of up to 5 coins in each group with only 1 type of coin. Working with values up to 50p.

Expected Order the groups of coins by value from smallest to largest. Use of up to 10 coins in each group with only 2 different types of coins. Working with values up to 99p.

Greater Depth Order the groups of coins by value from smallest to largest. Use of up to 10 coins in each group with varying types of coins. Working with values up to 99p.

Questions 2, 5 and 8 (Varied Fluency)

Developing Match the coins to create pairs of the same value. Use of up to 5 coins in each group with only 1 type of coin. Working with values up to 50p.

Expected Match the coins to create pairs of the same value. Use of up to 10 coins in each group with only 2 different types of coins. Working with values up to 99p.

Greater Depth Match the coins to create pairs of the same value. Use of up to 10 coins in each group with varying types of coins. Working with values up to 99p.

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

Developing Create different combinations of coins which can be used to buy a specified item. Use of up to 5 coins in each group with only 2 different types of coins. Working with values up to 50p.

Expected Create different combinations of coins which can be used to buy a specified item. Use of up to 10 coins in each group with only 2 different types of coins. Working with values up to 99p.

Greater Depth Create different combinations of coins which can be used to buy a specified item. Use of up to 10 coins in each group with only varying types of coins. Working with values up to 99p.

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Count Money – Pence

1. Order the amounts from smallest to largest.

A.



B.



C.



< <



VF
HW/Ext

2. Match the pairs that have the same value.

A.



1.



B.



2.



C.



3.



VF
HW/Ext

3. Katie has bought a ball using the coins below.



She says,

I paid for the ball using the same type of coin.



Ball
20p

Is Katie correct? What other combinations of the same coins could she have used?



RPS
HW/Ext

Count Money – Pence

4. Order the amounts from smallest to largest.

A.



B.



C.



< <



VF
HW/Ext

5. Match the pairs that have the same value.

A.



1.



B.



2.



C.



3.



VF
HW/Ext

6. George has bought a teddy using some of the coins below.



He says,



I paid for the teddy using three 20p coins.



Teddy
60p

Is George correct? What other combinations of coins could he have used?



RPS
HW/Ext

Count Money – Pence

7. Order the amounts from smallest to largest.

A.



B.



C.



< <



VF
HW/Ext

8. Match the pairs that have the same value.

A.



1.



B.



2.



C.



3.



VF
HW/Ext

9. Sam has bought a toy car using some of the coins below.



He says,



I paid for the toy car using a 50p coin, a 20p coin and a 2p coin.



Toy car
72p

Is Sam correct? What other combinations of coins could he have used?



RPS
HW/Ext

Homework/Extension Count Money – Pence

Developing

1. $C < B < A$
2. A3; B1; C2

3. Various answers, for example:

Katie is correct because she has used two 10p coins to pay for the ball. She could have also used four 5p coins, one 20p coin, ten 2p coins or twenty 1p coins. All of these combinations will allow Katie to use the same type of coin which also total 20p.

Expected

4. $B < A < C$
5. A2; B3; C1

6. Various answers, for example:

George is correct because three 20p coins will total 60p. He could have also used two 20p coins and two 10p coins or four 10p coins and one 20p coin; both combinations would also total 60p.

Greater Depth

7. $C < A < B$
8. A1; B3; C2

9. Various answers, for example:

Sam is correct because his combination of coins will total 72p. He could have also used one 50p coin, two 10p coins and two 1p coins or one 50p coin, one 20p coin and two 1p coins. Both combinations would also total 72p.