

# Discussion Problems

## Step 1: Recognising Coins

### National Curriculum Objectives:

Mathematics Year 1: (1M3) [Recognise and know the value of different denominations of coins and notes](#)

### About this resource:

As this resource is aimed at Year 1, we recommend that an adult reads the problem to children who cannot yet access it for themselves.

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 1 Money](#) resources.

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## Recognising Coins

1. Jack has five coins in his pocket. Some of the coins are silver and some are copper.



What combinations of the coins below could he have in this pocket?  
You can use each coin more than once.

DP

2. Use the coins below to find different ways to complete the statement.



is more  
than



which is less  
than



Is there a pattern? Explain your answer.

DP

## Recognising Coins

1. Jack has five coins in his pocket. Some of the coins are silver and some are copper.



What combinations of the coins below could he have in this pocket?

You can use each coin more than once.

Various possible combinations, for example: 50p + 20p + 10p + 2p + 2p

DP

2. Use the coins below to find different ways to complete the statement.



Various possible answers, for example: 5p is more than 1p is less than 2p.

5p

is more  
than

1p

which is less  
than

2p

Is there a pattern? Explain your answer.

The largest value is placed in the first box, the smallest value is placed in the middle box and the value in between the two coins is placed in the last box.

DP