## Diving into Mastery - Diving

## Adult Guidance with Question Prompts

Children count up coins and notes to find a total. They do not record with a decimal point. (This comes in year 4.) Children are not expected to cross the pounds boundary when adding pence. They record the pounds and pence separately using the symbols $£$ and $p$. Children may need coins and notes for the final question on this card.

What coins can you see?
What notes can you see?
Which coins have a value in pounds and which in pence?
How many pounds in total?
How many pence in total?
Can you find the matching total?
What do you notice about how the totals have been written?
What symbols can you see?
How else could you make the total $£ 7$ and 25 p?
Can you show me a way with your coins and notes?

Count Money - Notes and Coins
Match the coins and notes
to the correct total.


Can you find different ways of making these totals?

## Diving into Mastery - Deeper

## Adult Guidance with Question Prompts

Children reason about the value of coins and notes. They record the pounds and pence separately using the symbols $£$ and $p$.

What note has Ahmed got?
What coin has Ahmed got?
What is the total value of Ahmed's money?
Has he got $£ 11$ ?
What mistake do you think Ahmed has made?
How would you write Ahmed's total?
How could you make $£ 11$ ?
Can you find different ways?


Do you agree? Explain your answer.
How many different ways can you make $£ 11$ using notes and coins?

## Diving into Mastery - Deepest

## Adult Guidance with Question Prompts

Children investigate how many possible totals they can make using four coins and notes from a given selection. They should record the pounds and pence separately using the symbols $£$ and $p$. Encourage systematic working.

How could we work systematically to make sure we find all the different totals?

How could we make the smallest total?
What coins should we start with?
Which have the least value?
How could you find the greatest total?
Which of these coins and notes is worth the most?
What other combinations can you find?
Check with your friend. Have they found any different ones?

## Count Money - Notes and Coins

Marie has some coins and a note in her money box. She takes four of them out.


How many different totals can she make?
What is the largest total she can make?
What is the smallest?

