

# Diving into Mastery - Diving

## Adult Guidance with Question Prompts

Children draw coins and notes needed to make a given total. Children may need access to a full range of coins and notes to help them with this activity. When recording on the number line they should start on the left from the greatest value coin or note they have chosen and then jump to the right adding each other coin/note value.

What is the greatest value coin or note you could use?

What other coins or notes will you need?

Can you show me with real (or plastic) coins and notes?

Can you represent the total on the number line?

Where will you start jumping from?

What value will you start from?

## Select Money



Draw the money you would use to make the total and represent it on the number line. Try to use the fewest number of coins or notes each time.

£1 and 35p

£20 and 96p

# Diving into Mastery - Deeper

## Adult Guidance with Question Prompts

Children count the money to find the total in each purse, looking for one that is different to the others. They could represent the totals on a number line or with real (or plastic coins) if they find it useful.

How are the purses different?

What coins can you see?

What is the total of each purse?

How will you find out?

Could a number line help?

Could you use coins to help?

Do all the purses have the same total?

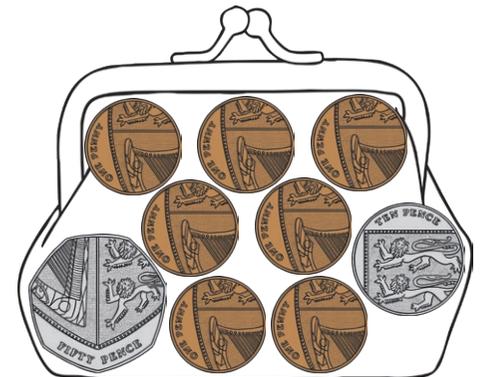
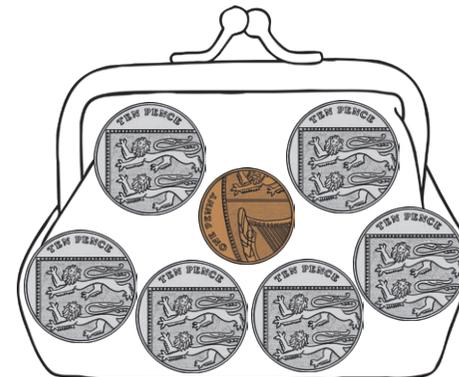
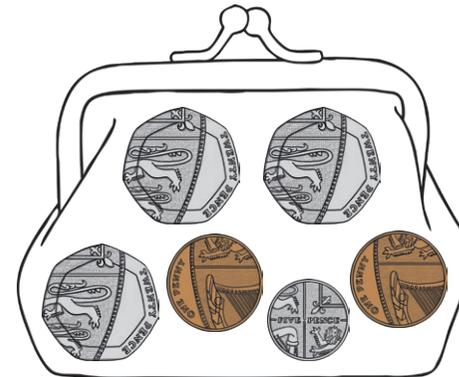
Which one is different?

Why?

## Select Money



Which is the odd one out? Explain why.



# Diving into Mastery - Deepest

## Adult Guidance with Question Prompts

Children select from a given set of coins and notes to make a total. They use their own coins and notes to find the same total in different ways. Encourage children to choose in order of value, starting with the greatest value.

Which will you choose first?

Shall we start with the smallest or greatest value first?

Why?

How can you be sure you've made the correct total?

Can you show me with real (or plastic) coins and notes?

Can you represent the total on a number line?

## Select Money



Fran has been shopping. She needs to choose coins and notes to pay.

£10 and 99p

What money could she use to pay?

Find two ways.

