

# Diving into Mastery – Diving

## Adult Guidance with Question Prompts

Children find different ways of making an amount of money using coins and notes. They complete the bar models using the size of the parts to help them work out which coins to use. They check the chosen coins match the given total. Children may find it useful to have real or plastic coins for this activity.

What do you notice about these bar models?

What is the same?

What is different?

Why are the parts different sizes?

How could this help you?

What coin or note do you think is represented by this part?

How can you check you have chosen the correct coins/notes?

## Make the Same Amount



Complete the bar models.

£10				

£10	

£10									

£10					

£10					

Can you think of any other ways of making £10?

# Diving into Mastery – Deeper

## Adult Guidance with Question Prompts

Children reason about which coins the two children could have that total £5. Children may find it useful to have real or plastic coins for this activity.

Is it possible to make £5 using three coins? Explain how.

Is there more than one way of making £5 with three coins?

Is it possible to make £5 with seven coins?

Show me.

Is there more than one way?

Are both children correct?

Can you think of any other ways of making £5 with coins?

Can you make £5 with four, five or six coins?

## Make the Same Amount



Gary and Maya both think they have made £5 using coins.



Could they both be correct?

What coins could they have?

Is there more than one possible answer?

# Diving into Mastery – Deepest

## Adult Guidance with Question Prompts

Children use only silver coins to make £1, initially using one type of coin only and then a mixture of silver coins. Encourage systematic working when mixing coin values. Children may find it useful to have real or plastic coins for this activity.

How many pennies have the same value as £1?

How many 5p coins total 100p?

How could you find out?

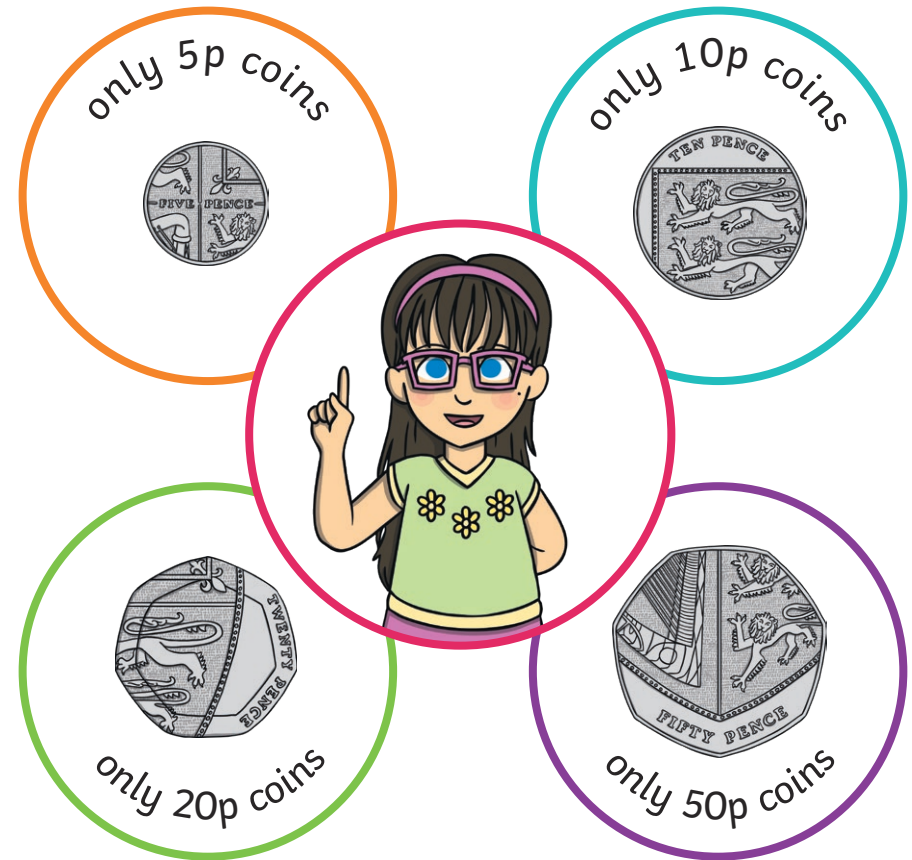
Could you count in fives up to 100?

How can you make £1 with a mixture of these silver coins?

## Make the Same Amount



Show how to make £1 using:



How many ways can you think of to make £1 using any combination of silver coins?

You may use each coin more than once.