Diving into Mastery – Diving

Adult Guidance with Question Prompts

Children may need coins to help with this activity. They can touch the coins as they count in ones, fives and tens to find the total in each purse.

How many coins are in this purse?

What is the value of each coin?

Are they all the same?

How much money is in this purse?

Can you count in fives/tens to help you?

How much are these sweets? Can you read the value on the label?

Which sweet could we buy with this money?

What other coins could you use to pay?

Could you pay for the lollipop with one coin? Which one?

How could you pay for the chocolate with two coins?

How could you pay for the sweet with two coins?

Counting in Coins

Match the purses to the items in the sweet shop.

20p

30p

3p
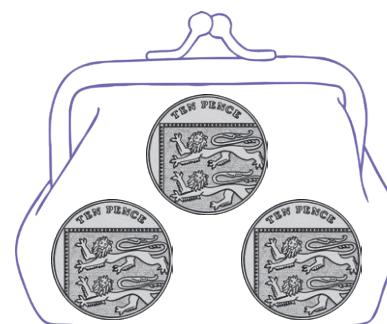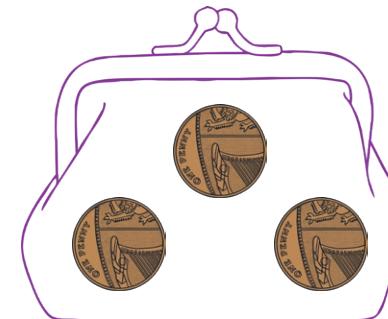
Which other coins could you use to pay for these sweets? How many different ways can you think of?

Diving into Mastery – Deeper

Adult Guidance with Question Prompts

Children should have access to coins to find different ways to make 20p practically.

How much is the candy cane?

Can you find a way that Asma could pay with only one coin?

Which other coins could she use to pay?

Can she pay with just 5ps?

How many 1p pieces would she need to pay?

Could she pay using just bronze coins?

How many different ways can you find to pay?

You could extend this to ask a more challenging question:

Could she pay with a selection of coins of different values?

Counting in Coins

Asma bought a candy cane from the sweet shop.

20p

Which coins could she have paid with? How many different ways of doing this can you find?

Diving into Mastery – Deepest

Adult Guidance with Question Prompts

Access to 2p coins would help children act out the problem practically.

What type of coin does James have in his piggy bank?

How many 2ps would he need to make 20p? Can you count in twos to find out?

How much is one marshmallow? How many did he buy for 20p?

Counting in Coins

James wanted to buy some giant marshmallows.

5p each

He had lots of 2ps in his piggy bank.

He spent 20p on marshmallows. How many 2p coins did he use? How many marshmallows did he buy? Explain how you know.