RECALL – MAKING £1

Challenge: Make 100p (£1) with different numbers of coins.

Number of coins	Possible
1	£1
2	50p + 50p
3	Not possible
4	50p + ___ + ___ + ___
5	
6	
7	
8	
9	

1p 2p

5p 10p

20p 50p

100p

£1

Find different combinations of coins to make £1. There are more than one way for some of the rows.

LO: I CAN CONVERT POUNDS AND PENCE.

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MODELLED EXAMPLE

Sofia pays these coins into the machine.

1 How much does she pay in total?

2 Lee puts in £1 with some silver coins. They are all the same coin. What could he have put in?
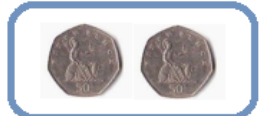
Working it out

There are 100 pence in a pound.
First, put the coins that make £1 together.

Then count the coins left over.

£2.61

Lee could have put in these coins:

Two 50p coins

Ten 10p coins
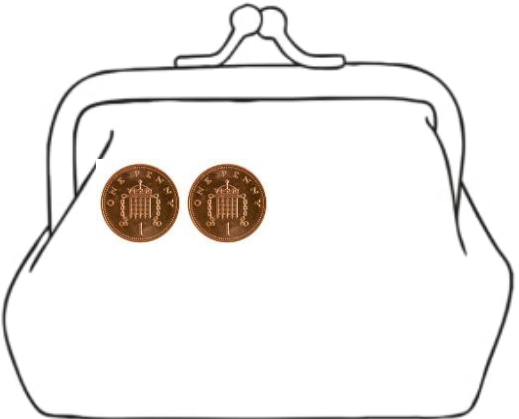
Five 20p coins

Twenty 5p coins

INTELLIGENT PRACTICE

Finish drawing the coins to make 10p in each purse.

- Use 1p pence coins.

- Use 2p coins.

Finish drawing the **same coin** in each purse to make £1.

50p

20p

10p

How many 1p coins make £1?

How many 2p coins make £1?

How many 5p coins make £1?

How many 5p coins make £5?

How many 10p coins make £5?

How many 20p coins make £5?

Write an explanation.

INTELLIGENT PRACTICE

Finish drawing the coins to make 10p in each purse.

- Use 1p pence coins.

- Use 2p coins.
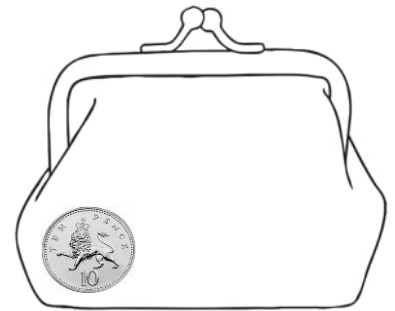
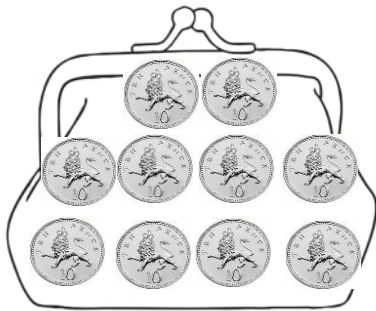Finish drawing the **same coin** in each purse to make £1.

50p

20p

10p

How many 1p coins make £1?

100

How many 2p coins make £1?

50

How many 5p coins make £1?

20

How many 5p coins make £5?

100

How many 10p coins make £5?

50

How many 20p coins make £5?

25

DIVE DEEPER

1 Tick the sets of coins that make £1.

2 How much money is in the money box?

There was [ ] p in box.

This is the same as £ [.] .

3 How much money does each child have?

He has £ [.] .

She has £ [.] .

4

350p = £3 + _____p

429P = £__ + ____p

_____p = £1 and 85p

_____p = £3 and 18p

Create your own.

268p

8p

£2

60p

DIVE DEEPER

1 Tick the sets of coins that make £1.

✓ ✓

2 How much money is in the money box?

There was 186 p in box.

This is the same as £ 1.86 .

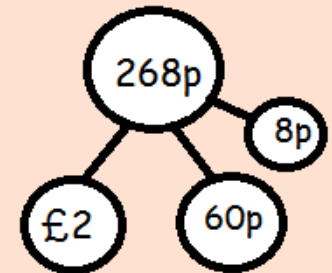**3** How much money does each child have?
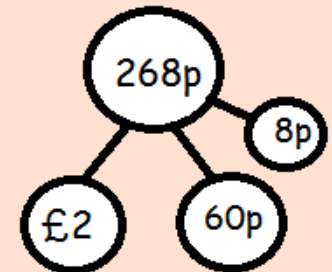
He has £ 6.30 .

She has £ 18.66 .

4

350p = £3 + 50 p

429P = £4 + 29p

185p = £1 and 85p

318p = £3 and 18p

Create your own.

268p

8p

£2   60p

DIVE DEEPER 2

1 | Jack has £2 and 90p.
Teddy has three times as much money as Jack.

How much more money does Teddy have than Jack?

Rosie has twice as much money as Teddy.

How much more money does Rosie have than Jack?

Show your working out to help you.

You could –
Draw the coins
Use a bar model
Use a number line
Use column addition

If I took £5 away from Jack, Teddy and Rosie's total, how much money would be left?

DIVE DEEPER 2 ANSWERS

Show your working out to help you.

You could –
Draw the coins
Use a bar model
Use a number line
Use column addition

1

Jack has £2 and 90p.
Teddy has three times as much money as Jack.

How much more money does Teddy have than Jack?

Rosie has twice as much money as Teddy.

How much more money does Rosie have than Jack?

Jack: £2 & 90p
Teddy: £8 & 70p
Rosie: £17 & 40p

Teddy has £5 and 80p more than Jack.

Rosie has £14 and 50p more than Jack.

If I took £5 away from Jack, Teddy and Rosie's total, how much money would be left?
£2.90 + £8.70 + 17.40 = £29
£29 - £5 - £24