

Lesson 4 – Measurement: Money – Convert Pounds & Pence

NC Objective:
Add and subtract amounts of money to give change, using both £ and p in practical contexts.

Resources needed:
Differentiated Sheets
Teaching Slides

Vocabulary:
Converting, counting, pounds, pence

Children convert between pounds and pence using the knowledge that £1 is 100 pence. They group 100 pennies into pounds when counting money. They apply their place value knowledge and use their number bonds to 100

Key Questions:
How many pennies are there in £1?
How can this fact help us to convert between pounds and pence?
How could you convert 600p into pounds?
How could you convert 620p into pounds?

★ Working Towards

★★ Working Within

★★★ Greater Depth

On this sheet, they are given a limited amount of coins and are asked to identify groups of 50ps and also groups of coins in consecutive order.

On this sheet, they are given a larger range of coins and are asked to identify various groups of coins that total 100p.

On this sheet, children have a good understanding of converting pounds into pence. They continue to practise their fluency by counting many different coins and writing their value in pounds and pence. They can group them into 100 pence if needed.

Reasoning & Problem Solving



Write the amount in pounds and pence. Draw a circle around the coins that will make 100 pence.



_____ pounds and _____ pence



_____ pounds and _____ pence



_____ pounds and _____ pence



_____ pounds and _____ pence

Write each amount in pounds and pence.

350p

_____ pounds and _____ pence

250p

_____ pounds and _____ pence

450p

_____ pounds and _____ pence



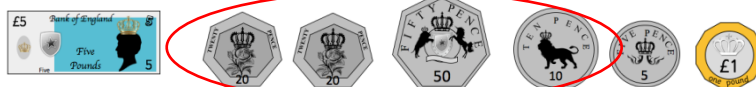
Write the amount in pounds and pence. Draw a circle around the coins that will make 100 pence.



4 pounds and 27 pence



4 pounds and 1 pence



7 pounds and 5 pence



4 pounds and 23 pence

Write each amount in pounds and pence.

350p

250p

450p

2 pounds and 50 pence

3 pounds and 50 pence

4 pounds and 50 pence



Write the amount in pounds and pence. Draw a circle around the coins that will make 100 pence.



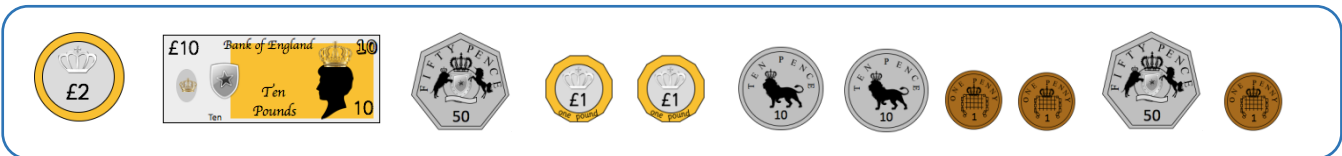
_____ pounds and _____ pence



_____ pounds and _____ pence



_____ pounds and _____ pence



_____ pounds and _____ pence

Write each amount in pounds and pence.



_____ pounds and _____ pence



_____ pounds and _____ pence



_____ pounds and _____ pence



Write the amount in pounds and pence. Draw a circle around the coins that will make 100 pence.



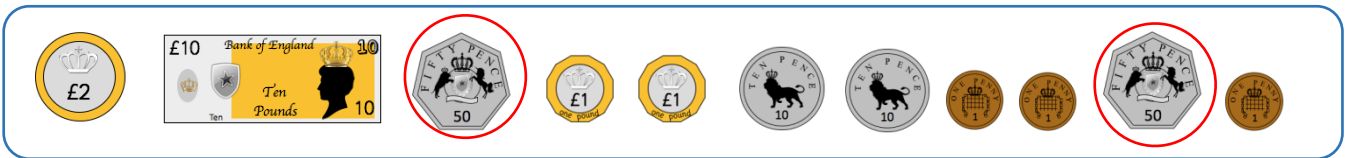
4 pounds and 59 pence



5 pounds and 3 pence



8 pounds and 10 pence



15 pounds and 23 pence

Write each amount in pounds and pence.



3 pounds and 56 pence



2 pounds and 85 pence



4 pounds and 99 pence



Write the amount in pounds and pence.



10 pounds and 89 pence



6 pounds and 40 pence



9 pounds and 13 pence



19 pounds and 97 pence

Write each amount in pounds and pence.



4 pounds and 7 pence



3 pounds and 6 pence



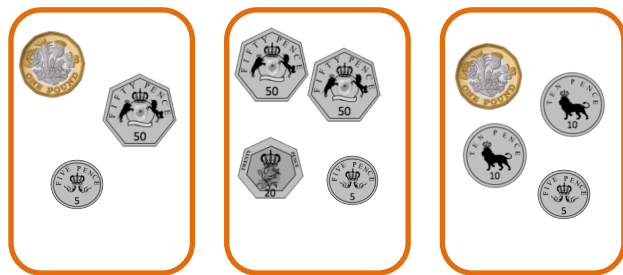
5 pounds and 24 pence



Leanna has 125 pence.
She has **one** pound coin.



Choose a possible combination of money she may have.



Explain why the other two cannot be her combination.



Malachi says:

I have less than £6.

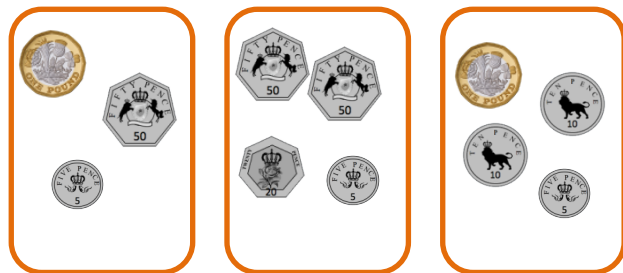
Is Malachi correct?
Convince me.



Leanna has 125 pence.
She has **one** pound coin.



Choose a possible combination of money she may have.



Explain why the other two cannot be her combination.



Malachi says:

I have less than £6.

Is Malachi correct?
Convince me.



Leanna has 125 pence.
She has **one** pound coin.



Choose a possible combination of money she may have.



We know that Leanna has one pound so the rest must be 25p. The third set shows this.

The first one cannot be the combination because it shows 155p.

The second box shows 125p, but no one pound coin.

Explain why the other two cannot be her combination.



Malachi says:

I have less than £6.

He is incorrect. Malachi has more than £6. The pence add up to £1 and 10p, and he also has a £5 note, this equals £6 and 10p

Is Malachi correct?
Convince me.



Leanna has 125 pence.
She has **one** pound coin.



Choose a possible combination of money she may have.



We know that Leanna has one pound so the rest must be 25p. The third set shows this.

The first one cannot be the combination because it shows 155p.

The second box shows 125p, but no one pound coin.

Explain why the other two cannot be her combination.



Malachi says:

I have less than £6.

He is incorrect. Malachi has more than £6. The pence add up to £1 and 10p, and he also has a £5 note, this equals £6 and 10p

Is Malachi correct?
Convince me.



Leanna has 204 pence.
She has **one** pound coin.



Choose a possible combination of money she may have.



Explain why the other two cannot be her combination.



Malachi says:

I have less than £6.

Is Malachi correct?
Convince me.



Leanna has 204 pence.
She has **one** pound coin.



Choose a possible combination of money she may have.



Explain why the other two cannot be her combination.



Malachi says:

I have less than £6.

Is Malachi correct?
Convince me.



Leanna has 204 pence.
She has **one** pound coin.



Choose a possible combination of money she may have.



We know that Leanna has one pound so the rest must be one pound and 4 pence.
There is £5 and 50p in the first box and £1 and 44p in the third box so it cannot be those boxes.
The middle box represents 204p.



Malachi says:

I have less than £6.

Is Malachi correct?
Convince me.

He is incorrect. Malachi has more than £6.
The pence add up to £1 and 10p, and he also has a £5 note, this equals £6 and 10p



Leanna has 204 pence.
She has **one** pound coin.



Choose a possible combination of money she may have.



We know that Leanna has one pound so the rest must be one pound and 4 pence.
There is £5 and 50p in the first box and £1 and 44p in the third box so it cannot be those boxes.
The middle box represents 204p.



Malachi says:

I have less than £6.

Is Malachi correct?
Convince me.

He is incorrect. Malachi has more than £6.
The pence add up to £1 and 10p, and he also has a £5 note, this equals £6 and 10p



Leanna has 203 pence.
She has **one** pound coin.



Show five possible combinations of other coins she may have.



Malachi says:

I have less than £6.



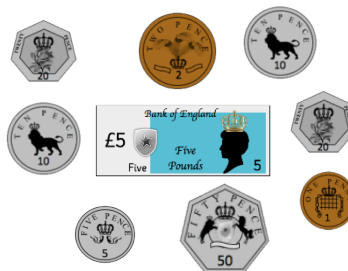
Is Malachi correct?
Convince me.



Leanna has 203 pence.
She has **one** pound coin.



Show five possible combinations of other coins she may have.



Malachi says:

I have less than £6.



Is Malachi correct?
Convince me.



Leanna has 203 pence.
She has **one** pound coin.

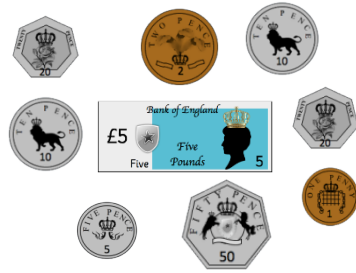


Show five possible combinations of other coins she may have.



Children may work systematically and look at combinations of coins that make £1 and 3p to help them.
E.g. one 50p coin, two 20p coins, one 10p coin, one 2p coin and a 1p coin.

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Malachi says:

I have less than £6.



Malachi is incorrect. There is more than £6.
There is one £5 note and in coins: £1 and 18p.
That is £6 and 18p in total.

Is Malachi correct?
Convince me.



Leanna has 203 pence.
She has **one** pound coin.

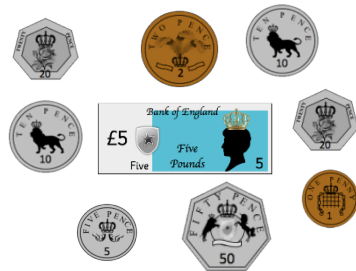


Show five possible combinations of other coins she may have.



Children may work systematically and look at combinations of coins that make £1 and 3p to help them.
E.g. one 50p coin, two 20p coins, one 10p coin, one 2p coin and a 1p coin.

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Malachi says:

I have less than £6.



Malachi is incorrect. There is more than £6.
There is one £5 note and in coins: £1 and 18p.
That is £6 and 18p in total.

Is Malachi correct?
Convince me.



Leanna has two hundred and nineteen pence.
She has **one** pound coin.



Show five possible combinations of other coins she may have.



Malachi says:

I have more than £6
but less than £7.



Is Malachi correct?
Convince me.



Leanna has two hundred and nineteen pence.
She has **one** pound coin.



Show five possible combinations of other coins she may have.



Malachi says:

I have more than £6
but less than £7.



Is Malachi correct?
Convince me.



Leanna has two hundred and nineteen pence.
She has **one** pound coin.



Show five possible combinations of other coins she may have.



Children may work systematically and look at combinations of coins that make £1 and 19p to help them.
E.g. one 50p coin, two 20p coins, one 10p coin, one 10p coin, one 5p coin and two 2p coins.

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Malachi says:

I have more than £6
but less than £7.



Is Malachi correct?
Convince me.

Malachi is incorrect. There is £7 and 9p.
This is greater than £7.



Leanna has two hundred and nineteen pence.
She has **one** pound coin.



Show five possible combinations of other coins she may have.



Children may work systematically and look at combinations of coins that make £1 and 19p to help them.
E.g. one 50p coin, two 20p coins, one 10p coin, one 10p coin, one 5p coin and two 2p coins.

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Malachi says:

I have more than £6
but less than £7.



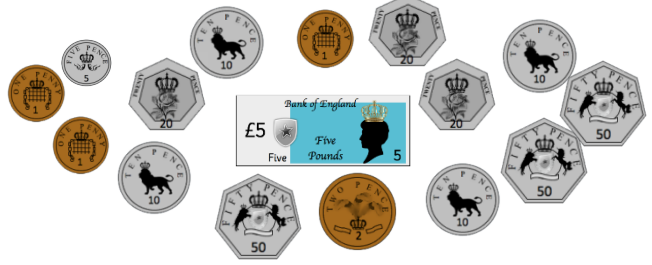
Is Malachi correct?
Convince me.

Malachi is incorrect. There is £7 and 9p.
This is greater than £7.



Leanna has thirty tens and six ones worth of pence.
She has **one** 2 pound coin.

Show five possible combinations of other coins she may have.



Malachi says:

This is the amount of money I have.
It is less than three times £3.

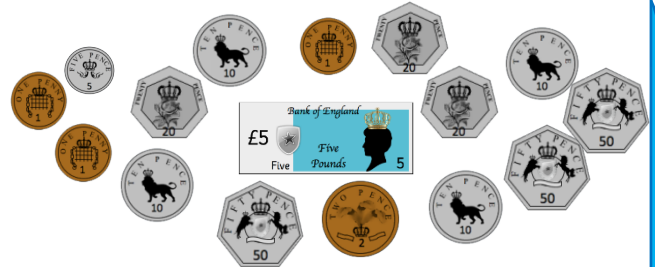


Is Malachi correct?
Convince me.



Leanna has thirty tens and six ones worth of pence.
She has **one** 2 pound coin.

Show five possible combinations of other coins she may have.



Malachi says:

This is the amount of money I have.
It is less than three times £3.



Is Malachi correct?
Convince me.



Leanna has thirty tens and six ones worth of pence.
She has **one** 2 pound coin.

Show five possible combinations of other coins she may have.



Leanna has 306p.

Children may work systematically and look at combinations of coins that make £1 and 6p to help them.
E.g. one 50p coin, one 20p coin, three 10p coins, and three 2p coins.



Malachi says:

This is the amount of money I have.
It is less than three times £3.



Is Malachi correct?
Convince me.

Three times £3 is **£9**.
Malachi is correct. There is £7 and 60p.
This is less than £9.



Leanna has thirty tens and six ones worth of pence.
She has **one** 2 pound coin.

Show five possible combinations of other coins she may have.



Leanna has 306p.

Children may work systematically and look at combinations of coins that make £1 and 6p to help them.
E.g. one 50p coin, one 20p coin, three 10p coins, and three 2p coins.



Malachi says:

This is the amount of money I have.
It is less than three times £3.



Is Malachi correct?
Convince me.

Three times £3 is **£9**.
Malachi is correct. There is £7 and 60p.
This is less than £9.