

*Monday 8th December 2025*

## Challenge of the week

I buy an ice cream for 20p and a bag of sweets for 25p.  
How much change will I get if I pay for it using a 50p coin?



What method can I use to solve this problem? Show your work.



08.12.25

## Mental Maths

Let's count in 10s.

[https://www.youtube.com/watch?v=-gmEe0-\\_ex8](https://www.youtube.com/watch?v=-gmEe0-_ex8)



LQ: Can I make equal amounts of money?

Steps to Success:



*I can name the different coins.*

*I know that coins can be combined in different ways.*

*I can represent an amount in more than one way using coins.*

# ★ Star Words ★

money



coins



notes



amount



value

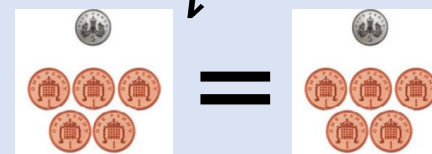


Total



exact

equal



08.12.25

LQ: Can I make equal amounts of money?

Today you are going to make equal amounts.



TP- Which has the smallest value? How do you know?  
Which has the greatest value? How do you know?



08.12.25

LQ: Can I make equal amounts of money?



Oliver's item costs 25p.

*TP - What coins below does Oliver need to pay exactly?*

Let's make 25p using the coins below.



08.12.25

LQ: Can I make equal amounts of money?

Gemma's item costs £8.

TP - What coins and notes below does Gemma need to pay exactly?

Let's make £8 using the coins and notes below.



Is there a different way to make £8?

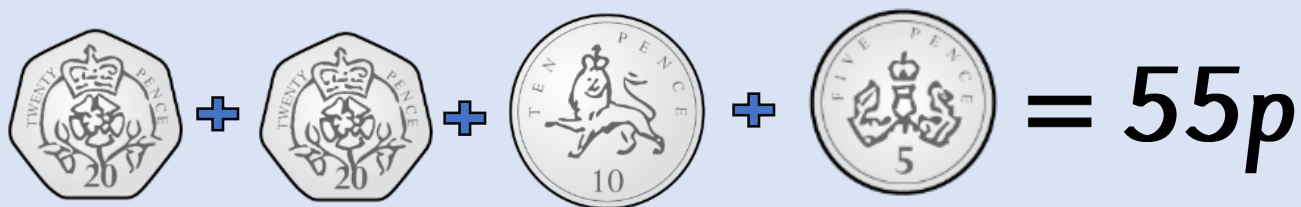


LQ: Can I make equal amounts of money?

When we make equal amount, we are adding the values of each coin. We need to use the + symbols to add.

*What coins can you use to make 55p?*

*I will find the most efficient way to make 55p using ONLY silver coins*



*Would 1p be suitable to make 55p? Why? Why not?*

# Task

On your table there are some items with price tags on them.  
Choose one picture and use the coins to practise making the exact amount  
**two different ways**. Draw the coins you have used and add them up.



$$\begin{array}{ccccccc}
 \text{20p} & + & \text{20p} & + & \text{10p} & + & \text{5p} & = & 55\text{p} \\
 \text{TWENTY PENCE} & & \text{TWENTY PENCE} & & \text{TEN PENCE} & & \text{FIVE PENCE} & & \\
 \end{array}$$

Self assessment

Do you understand the task?



08.12.25

LQ: Can I make equal amount of money?

*Tuesday 9th December 2025*

09.12.25

## Mental Maths

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

*Let's count in 2s, 5s and 10s.*

*Use your 100 square to travel across and down the columns.*



LQ: Can I make equal amounts of money?

Steps to Success:



*I can name the different coins.*

*I know that coins can be combined in different ways.*

*I can represent an amount in more than one way using coins.*



09.12.25

LQ: Can I make equal amounts of money?

*Today you are going to continue with making equal amounts.*

*TP – What does equal mean?*

*What would happen if you didn't have the exact amount? Why?*

*What calculation would you need to use?*

09.12.25

LQ: Can I make equal amounts of money?



*TP – What coins can I use to make this exact equal amount?*

*How many different ways can you make 25p using ONLY silver coins?*

$$\begin{array}{c} \text{FIVE PENCE} \\ 5 \end{array} + \begin{array}{c} \text{FIVE PENCE} \\ 5 \end{array} + \begin{array}{c} \text{FIVE PENCE} \\ 5 \end{array} + \begin{array}{c} \text{FIVE PENCE} \\ 5 \end{array} + \begin{array}{c} \text{FIVE PENCE} \\ 5 \end{array} = 25p$$

$$\begin{array}{c} \text{TEN PENCE} \\ 10 \end{array} + \begin{array}{c} \text{FIVE PENCE} \\ 5 \end{array} + \begin{array}{c} \text{FIVE PENCE} \\ 5 \end{array} + \begin{array}{c} \text{FIVE PENCE} \\ 5 \end{array} = 25p$$

$$\begin{array}{c} \text{TEN PENCE} \\ 10 \end{array} + \begin{array}{c} \text{TEN PENCE} \\ 10 \end{array} + \begin{array}{c} \text{FIVE PENCE} \\ 5 \end{array} = 25p$$

09.12.25

LQ: Can I make equal amounts of money?

True or false.

*Four 5p coins is the equals to the 15 pence.*



*It is true because...*

*It is false because...*

# Tasks

★ money, coins, notes, pence, pound, value, amount, total, equal ★

1. Choose a toy and use the coins to find two different combinations to make the same amount on the price tag. Record by drawing the coins you have used. E.g.  
 $7p = 5p + 2p$  or  $5p + 1p + 1p$



2. True or false.  
 Two 5p coins is the same value as a 10p coin.



It is true because...  
 It is false because...

3. Annie and Ron both claim they have 90p.

Annie has three coins and Ron has four coins.

Which coins could they have?



Today I made and drew the corresponding amount for the prices of toys. First I chose a toy and wrote the price. Then I used the coins to make the corresponding amount and drew the coins I have used to make equal amounts.



Self assessment  
 Do you understand the task?

*Wednesday 10th December 2025*

*Christmas performance*

*Thursday 11th December 2025*

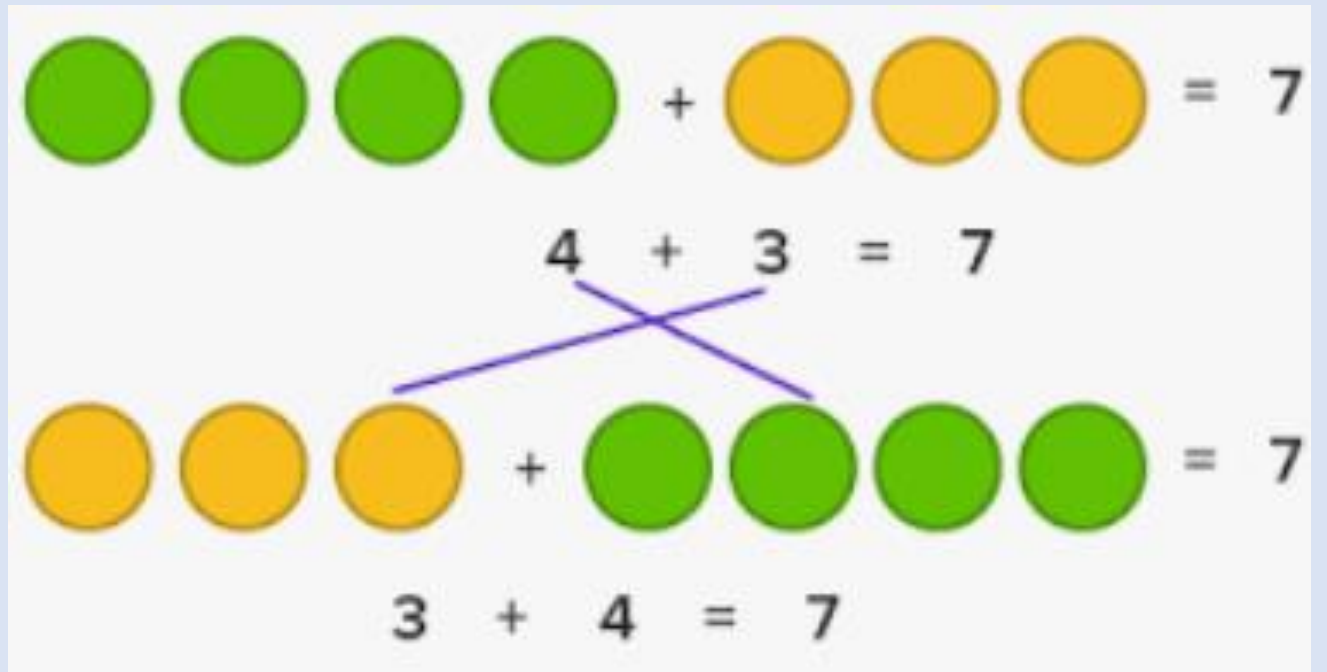
11.12.25

## Mental Maths

What does commutative mean?

Does it matter which number is written first?

Why? Why not?





LQ: Can I calculate the total value?

Steps to Success:



*I know that finding the total involves adding.*

*I can add two amounts together.*

*I can choose the correct coins to pay for the total amount.*

# ★ Star Words ★

money



coins



pence

p

pound

£

amount



value



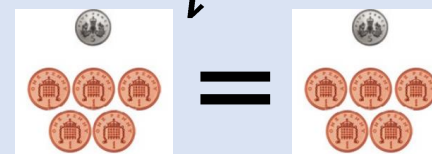
Total



add/plus



equal



11.12.25

LQ: Can I calculate the total value?

Today you are going to learn to calculate the total value.

TP – What coins and notes can you remember?

Which coin/note has the smallest/largest value?



11.12.25

LQ: Can I calculate the total value?











Miss Aktar buys some cherries and strawberries.  
How much does she spend in total?

TP – What does finding the total mean?

Cherries 37p

Strawberries 41p

We need to find the total.

 25p	 37p	 41p	 53p	 18p
 22p	 39p	 44p	 56p	 17p

11.12.25











LQ: Can I calculate the total value?

To find the total we need to use the addition operation.

Cherries 37p

Strawberries 41p

$$41p + 37p =$$

 25p	 37p	 41p	 53p	 18p
 22p	 39p	 44p	 56p	 17p

11.12.25

LQ: Can I calculate the total value?

$$41p + 37p = 78p$$

T	0	
4	1	
3	7	
7		8
7		8
		<i>p</i>

*TP – What is this method called?*

*Where do the digits go?*

*What columns do you need to add first?*

11.12.25

LQ: Can I calculate the total value?

$$25p + 22p = 47p$$



T	0	
2	5	
2	2	
4		7
4		7
		<i>p</i>

*TP –Where does the digits go?*

*What columns do you need to add first?*

11.12.25

LQ: Can I calculate the total value?

£

TP –What does this sign represent?  
When do we use this sign?

I buy a racket and a bat.

Racket **£40**

Bat **£18**

TP –What method can I use to solve this?

I can use the column method.

This time I need to use the £ sign as I am adding pounds.





11.12.25

LQ: Can I calculate the total value?

Clarine says, "10 copper coins are worth more than one silver coin."



*TP – Do you agree or disagree? Explain why.*

Yes, I agree because...

No, I disagree because...

11.12.25

# Tasks

## LQ: Can I calculate the total value?

### Low SEN-EAL

Today I calculated the total value using the column method for money. First, I added the ones and then the tens to work out the totals.

	2	5
+	2	2

	5	3
+	4	1

	3	7
+	2	1

	1	3
+	3	5

25p + 22p =    13p + 35p =    53p + 41p =    37p + 21p =

### High SEN-EAL

Today I calculated the total value using the column method. First I partitioned both numbers into tens and ones. Then I added the ones and then the tens to find the total value. To show I was working with money, I wrote the sign p next to each total.

25p + 22p =    13p + 35p =    37p + 21p =    53p + 41p =



money, coins, notes, pence, pound, value, amount, total



1. Copy each number sentence and use the column method to calculate the total amount.

$$\begin{array}{r} 25p + 22p = \\ 53p + 41p = \\ 37p + 21p = \\ \underline{\underline{\pounds 23 + \pounds 14}} \\ \pounds 35 + \pounds 23 = \\ \pounds 40 + \pounds 15 = \end{array}$$

Remember to write p next to the total to show we are adding money.

2. True or False?  
5 copper coins can be worth more than 1 silver coin.



Explain your reason.

It is true because...  
It is false because...

3. Dexter has these coins and notes.



He makes an amount greater than £20 but less than £30

Draw the money he could have used.

You can use each coin or note **more than once**.

How many different ways can you find?

Self assessment

Do you understand the task?



*Friday 12th December 2025*

12.12.25

## Mental Maths

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

*Let's count backwards on the 100 square. We are going to start from 100.*



LQ: Can I calculate the total value?

Steps to Success:



*I know that finding the total involves adding.*

*I can add two amounts together.*

*I can choose the correct coins to pay for the total amount.*

# ★ Star Words ★

money



coins



pence

p

pound

£

amount



value



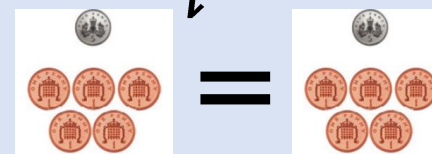
Total



add/plus



equal



12.12.25

LQ: Can I calculate the total value?

*Yesterday we practised calculating the total value.*

*Today you are going to continue with calculating the total value.*

*TP – What method did we use yesterday?*

*What do the columns represent?*

*Where do the digits go?*

*When working with money what signs do we need to use? Why?*

*When do we use 'p' and £?*

*T O*  
|  
—  
—

12.12.25

LQ: Can I calculate the total value?









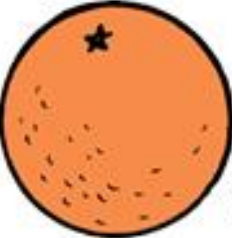

*I buy some grapes and bananas.*

*Grapes 53p*

*Bananas 44p*

*Let's use the column method to solve this.*

*We need to find the total.*

 25p	 37p	 41p	 53p	 18p
 22p	 39p	 44p	 56p	 17p

12.12.25

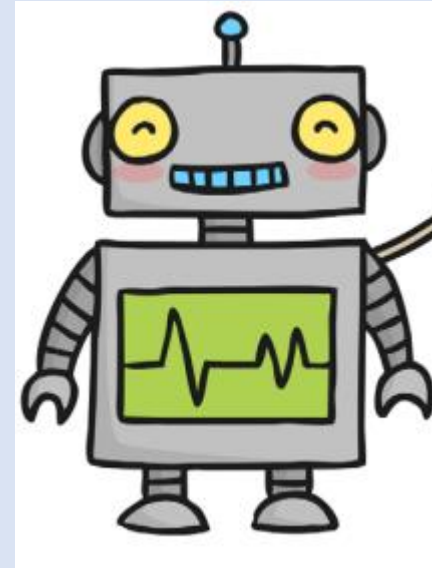
LQ: Can I calculate the total value?

*I buy a doll and a robot.*

*What is the total?*



*Doll £12*



*Robot £23*

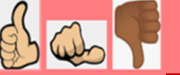
*Let's use the column method to solve this.*

12.12.25

LQ: Can I calculate the total value?

Self assessment

Do you understand how to add using the column method?



Let's add these addition statements using the column method.

$$18p + 31p = \underline{\quad}$$

$$26p + 13p = \underline{\quad}$$

$$£33 + £23 = \underline{\quad}$$


Remember to draw the plus sign next to each column as this shows that we are adding.

12.12.25

# Tasks

## LQ: Can I calculate the total value?



add, coins, pence, pound, value, amount, total, equal



1.  
Copy each number sentence  
and use the column method to  
calculate the total amount.

$$27p + 21p = \quad 33$$

$$55p + 44p = \quad \underline{+14}$$

$$36p + 22p = \quad \text{— } p$$

$$£13 + £10 = \quad \text{— } p$$

$$£25 + £23 = \quad 33$$

$$£30 + £20 = \quad 33$$

$$\quad \quad \quad \underline{+14}$$

£ —



Four 5 pence coins are worth  
more than two 10 pence coins.

Do you agree?  
Explain why.

*I agree because...*  
*I disagree because...*

3.  
Here is a shopping list.  
I spend exactly 50p.  
Which two items did I buy?  
I bought two of the same items  
and it cost me 90p.  
Choose two items. How many  
different amounts can you  
make?

Item	Price
Rubber	20 p
Ruler	18 p
Pencil	32 p
Crayon	27 p
Pen	45 p
Glue	36 p

Today I selected two items with price tags on them. Then I wrote the prices as addition number sentences and used my own method to help me with the calculations. E.g. blank number line, column method, part-whole.

Self assessment

Do you understand the task?

