RECALL – ADDING £ AND P

£1.35

£2.13

£3.22

£4.41

£5.24

£2.50

Pick two different objects.
How much do you pay in total?

Show this using the money place value mats.

Thousands (£)		Hundreds (£)				Tens (p)			Ones (p)		
2000p (£20)	1000p (£10)	500p (£5)	200p (£2)	100p (£1)	•	50p	20p	10p	5p	2p	1p
					•						

LO: I CAN ADD IN POUNDS (£) AND PENCE (P) USING COLUMN ADDITION

Page

MODELLED EXAMPLE

Sofia visits a bakery and buys a baguette and a cupcake.

A baguette costs £2.32.

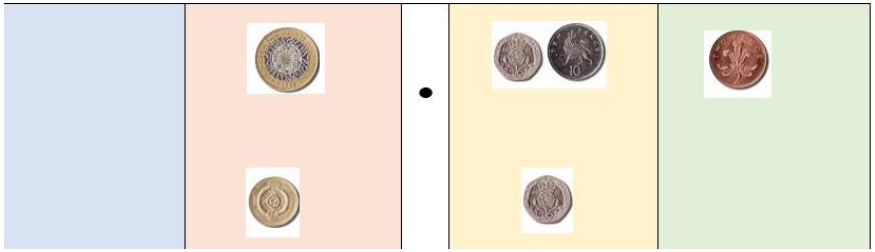
A cupcake costs £1.20.

How much does she spend altogether?

£ 2.32 + £1.20 = £

Use coins or draw it out.

Working it out – place value mat



Sofia spent £ 3.52

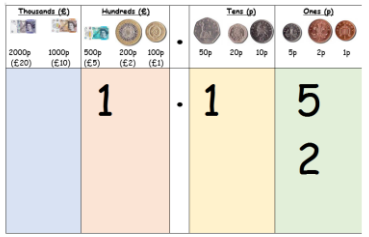
Working it out – column addition

Thousands (£)		Hundreds (£)				Tens (p)			Ones (p)		
2000p (£20)	1000p (£10)	500p (£5)	200p (£2)	100p (£1)	.	50p	20p	10p	5p	2p	1p
	+	2			.	3			2		
		1			.	2			0		

£ 3 . 5 2

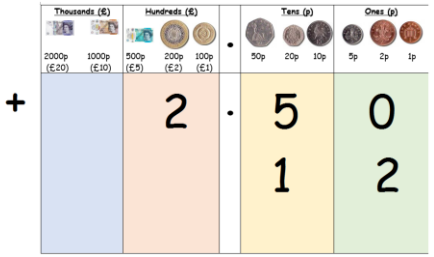
GUIDED EXAMPLES

£1.15 + 2p



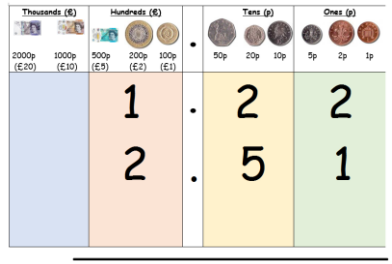
£ _____

£2.50 + 12p



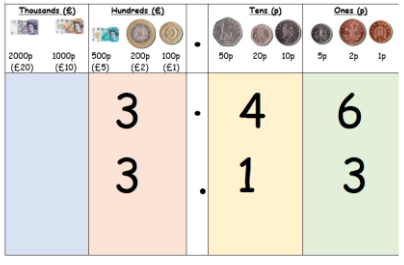
£ _____

£1.22 + £2.51



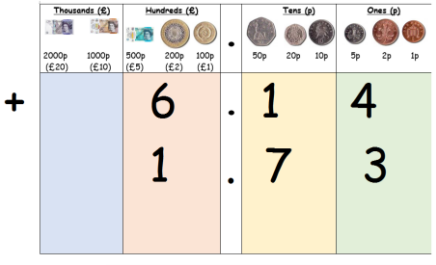
£ _____

£3.46 + £3.13



£ _____

£6.14 + £1.73 =



£ _____

Remember

Add the ones first, then the tens. That will give you the pence (p) value.

Next, add the hundreds then any thousands. That will give you the pounds (£) value.

INTELLIGENT PRACTICE

Use the coins.

Adding £-.-- to -p

£1.10 + 2p

	Thousands (£)	Hundreds (£)		Tens (p)	Ones (p)
	2000p (£20)	1000p (£10)	500p (£5)	200p (£2)	100p (£1)		50p	20p	10p	5p	2p	1p
+			1	.	1	0
						2

£ _____

£2.52 + 5p

	Thousands (£)	Hundreds (£)		Tens (p)	Ones (p)
	2000p (£20)	1000p (£10)	500p (£5)	200p (£2)	100p (£1)		50p	20p	10p	5p	2p	1p
+			2	.	5	2
						5

£ _____

Adding £-.- to --p

£2.25 + 32p

	Thousands (£)	Hundreds (£)		Tens (p)	Ones (p)
	2000p (£20)	1000p (£10)	500p (£5)	200p (£2)	100p (£1)		50p	20p	10p	5p	2p	1p
+			2	.	2	5
					3	2

£ _____

£5.13 + 64p

	Thousands (£)	Hundreds (£)		Tens (p)	Ones (p)
	2000p (£20)	1000p (£10)	500p (£5)	200p (£2)	100p (£1)		50p	20p	10p	5p	2p	1p
+			5	.	1	3
					6	4

£ _____

Adding £-.- to £-.—

£1.50 + £1.25

	Thousands (£)	Hundreds (£)		Tens (p)	Ones (p)
	2000p (£20)	1000p (£10)	500p (£5)	200p (£2)	100p (£1)		50p	20p	10p	5p	2p	1p
+		1	.	5	0
		1	.	2	5

£ _____

£6.47 + £2.32

	Thousands (£)	Hundreds (£)		Tens (p)	Ones (p)
	2000p (£20)	1000p (£10)	500p (£5)	200p (£2)	100p (£1)		50p	20p	10p	5p	2p	1p
+		6	.	4	7
		2	.	3	2

£ _____

Solve £11.47 + £5.31 using column addition.
Explain why you have placed each value in each column.
Explain each step of the process used to solve it.

INTELLIGENT PRACTICE

Use the coins.

Adding £-.-- to -p

£1.10 + 2p

+		1	. 1	0
				2
£		1	. 1	2

£2.52 + 5p

+		2	. 5	2
				5
£		2	. 5	7

Adding £-.- to --p

£2.25 + 32p

+		2	. 2	5
			3	2
£		2	. 5	7

£5.13 + 64p

+		5	. 1	3
			6	4
£		5	. 7	7

Adding £-.- to £-.—

£1.50 + £1.25

+		1	. 5	0
		1	. 2	5
£		2	. 7	5

£6.47 + £2.32

+		6	. 4	7
		2	. 3	2
£		8	. 7	9

Solve £11.47 + £5.31 using column addition.
Explain each step of the process used to solve it.

DIVE DEEPER

1 a

The slime costs £3.15.
The teddy bear costs £2.21.
Draw this as coins on the mat below.

Thousands (£)		Hundreds (£)			.	Tens (p)			Ones (p)		
2000p (£20)	1000p (£10)	500p (£5)	200p (£2)	100p (£1)		50p	20p	10p	5p	2p	1p
					.						

b How much do they cost altogether?

$$\begin{array}{r} £3.15 \\ +\ £2.21 \\ \hline \\ \hline \end{array}$$

2 Solve in your book using column addition.

£2.45 + 4p = £ .

£4.78 + 11p = £ .

£5.23 + £2.34 = £ .

£16.62 + £3.27 = £ .

3 Work out how much each person spends. Write the column addition in your maths book.

Daisy's Cafe

Chocolate fudge cake	£2.34
Strawberry cheesecake	£3.51
Flapjack	£1.12
Chocolate chip cookie	£4.26

Please can I buy a strawberry cheesecake and chocolate fudge cake?

Please can I buy two chocolate chip cookies?

£ .

I spend £6.60. What two things do I buy?

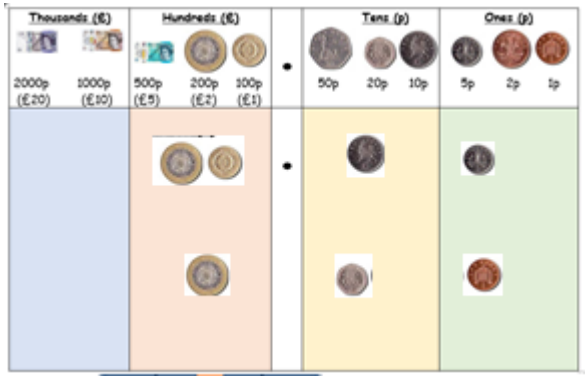
He buys _____ and _____.

4 The total is £17.54.
What could the addition question be?

DIVE DEEPER

1 a

The slime costs £3.15.
The teddy bear costs £2.21.
Draw this as coins on the mat below.



b How much do they cost altogether?

£3.15
+ £2.21
5.36

2 Solve in your book using column addition.

£2.45 + 4p = £2.49

£4.78 + 11p = £4.89

£5.23 + £2.34 = £7.57

£16.62 + £3.27 = £19.89

3 Work out how much each person spends. Write the column addition in your maths book.

Daisy's Cafe

Chocolate fudge cake	£2.34
Strawberry cheesecake	£3.51
Flapjack	£1.12
Chocolate chip cookie	£4.26

Please can I buy a strawberry cheesecake and chocolate fudge cake?

Please can I buy two chocolate chip cookies?

£5.85

£8.52

I spend £6.60. What two things do I buy?

He buys chocolate fudge cake and chocolate chip cookie.

4 The total is £17.54.
What could the addition question be?

DIVE DEEPER 2

1

Mo has two wallets. In one wallet he has £7.34 and in the other wallet he has £2.56. Mo thinks that he has over £10. Is he right or wrong? Convince me!

Use your place value to help you.

2

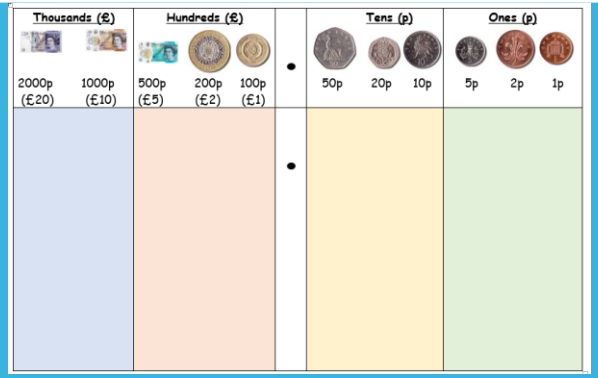
Dexter has two £10 notes, three 50 pence coins, a 20p coin and a 1p coin.

He thinks that this makes £12.12.

Is he correct?

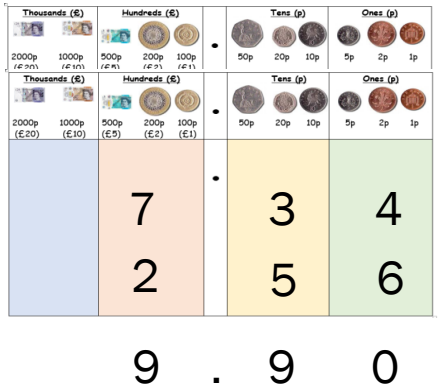
How could you prove this to him?

If Mo and Dexter combined their money, how much would there be in total?
Prove it to me!

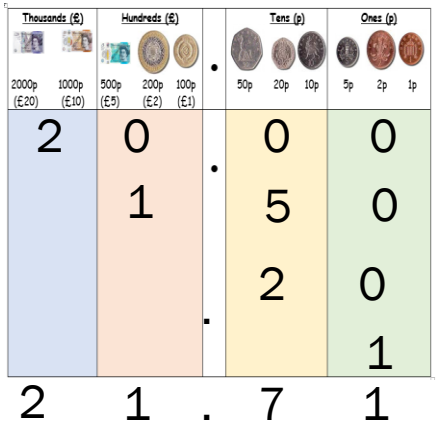
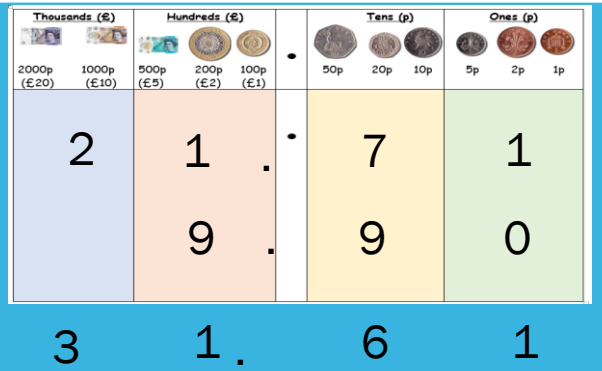


DIVE DEEPER 2 ANSWERS

1 Mo has two wallets. In one wallet he has £7.34 and in the other wallet he has £2.56. Mo thinks that he has over £10. Is he right or wrong? Convince me!
Use your place value to help you.



2 Dexter has two £10 notes, three 50 pence coins, a 20p coin and a 1p coin.
He thinks that this makes £12.12.
Is he correct?
How could you prove this to him?



If Mo and Dexter combined their money, how much would there be in total?
Prove it to me!