

Starter: Convert the amount from pence to pounds.

1. 190p

2. 320p

3. 234p

4. 199p

5. 400p

6. 112p

7. 516p

8. 1350p

9. 100p

10. 1290p

Today, we are going to be adding amounts of money together. This skill is really important as we do it all the time.

For example, when you go to the shop and you need to know if you have enough money for a chocolate bar and a drink.

You are all able to add large numbers together using the column addition method, so you should all be a whiz at this. Don't let the fact it's money trick you out!

Menu

Tea: £1.20

Coffee: £1.80

Juice: £1.45

Water: 75p

Toastie: £2.80

Cake: £2.32

Miss Gethings walks into the café and wants to know how much a tea and slice of cake will cost her!

To calculate this she will need to add the two amounts together.
 $£1.20 + £2.32 =$



Method 1:

*Let's have a look at how we
can work this out!*

$$£1.20 + £2.32 =$$

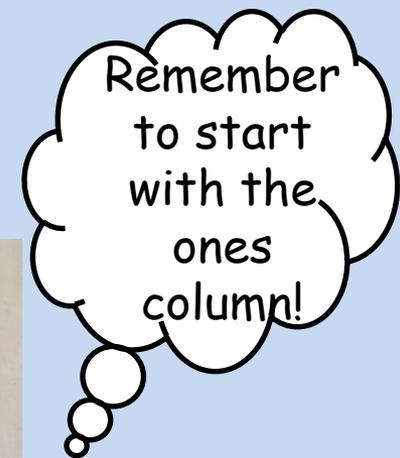
You could add the pounds first: £1 + £2 = £3

Then add the pence: 20p + 32p = 52p

*Altogether the tea and cake would cost Miss Gethings
£3.52!*

Method 2:

Let's have a look at how we can work this out!



$$£1.20 + £2.32 =$$

$$£1.20 = 120p$$

$$£2.32 = 232p$$

A handwritten addition problem on a piece of paper. The columns are labeled H, T, and O at the top. The numbers are arranged as follows:

	H	T	O
	1	2	0
+	2	3	2
<hr/>			
	3	5	2
<hr/>			
	352p		

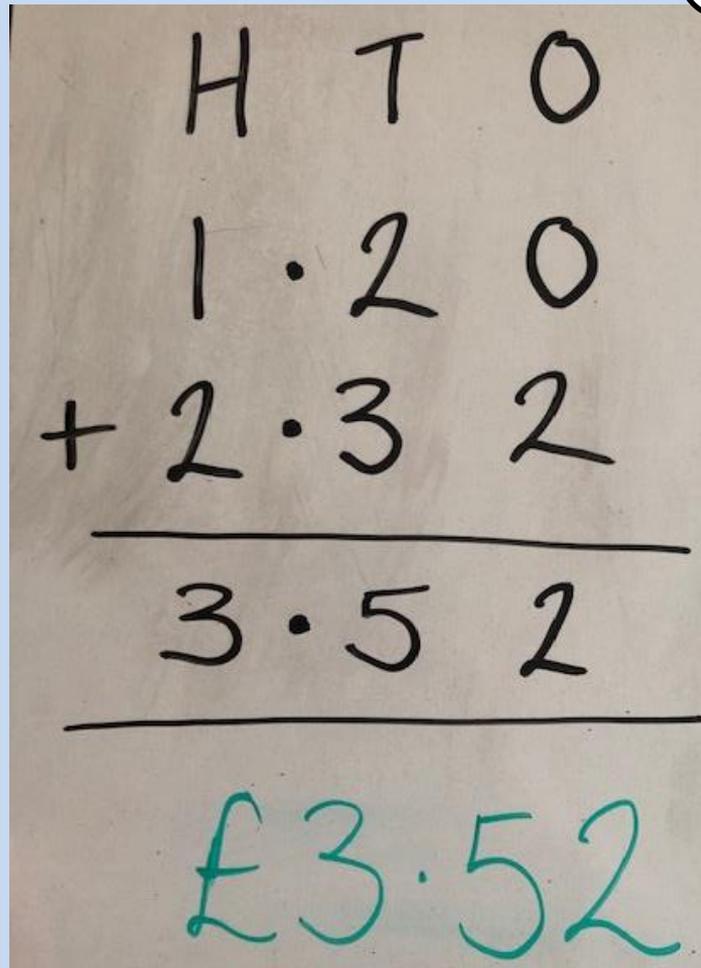
We know $352p = £3.52$

Method 3:

Let's have a look at how we can work this out!

$$£1.20 + £2.32 =$$

This is very similar to method 2 but we have put the decimal point in place. It is important to keep the decimal point in the same place. It might be worth putting the decimal point in the columns before the numbers.



A handwritten addition problem on a piece of paper. The columns are labeled 'H' (Hundreds), 'T' (Tens), and 'O' (Ones) at the top. The numbers are written as follows:

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 1 \cdot 2 \quad 0 \\ + 2 \cdot 3 \quad 2 \\ \hline 3 \cdot 5 \quad 2 \\ \hline \end{array}$$

The final result, £3.52, is written in green ink below the second horizontal line.

Remember to start with the ones column!

$$£2.46 + £3.77 =$$

A photograph of a whiteboard showing the addition of £2.46 and £3.77. The numbers are written in black marker. The first row is 2.46, the second row is 3.77, and a horizontal line is drawn below them. The third row shows the result 6.23, with a horizontal line below it. Below the line, there are two vertical lines, one under the 6 and one under the 2. An arrow points from the text on the left to the vertical line under the 2.

If it goes over into the next column, you calculate it exactly the same as you would if you were adding any numbers and carry it underneath, adding it onto the next column.

$$£2.46 + £3.77 = £6.23$$

Answer these three questions and have a go at using the three different methods to see which you prefer.

Menu

Tea: £1.20

Coffee: £1.80

Juice: £1.45

Water: 75p

Toastie: £2.80

Cake: £2.32

1. Juice + cake = (Use method 1)
2. Water + tea = (Use method 2)
3. Toastie + coffee = (Use method 3)

Answer these calculations in your book.

1. £2.20 + £3.58 =

2. £1.80 + £1.45 =

3. £2.60 + £1.13 =

4. £1.35 + £2.42 =

5. £1.60 + £2.55 =

6. £2.10 + £3.45 =

7. £4.45 + £2.70 =

8. £6.47 + 75p =

9. £14 + 286p =

10. 692p + 233p =



Extension: The tills show the cost of some items from the café. Can you work out what each person has bought?

Tea - £1.20

Small coffee - £1.80

Large Coffee - £2.20

Juice - £1.45

Water - 79p

Toastie - £2.80

Slice of cake - £2.32

Strawberry tart - £3.58



Work out what each person bought.

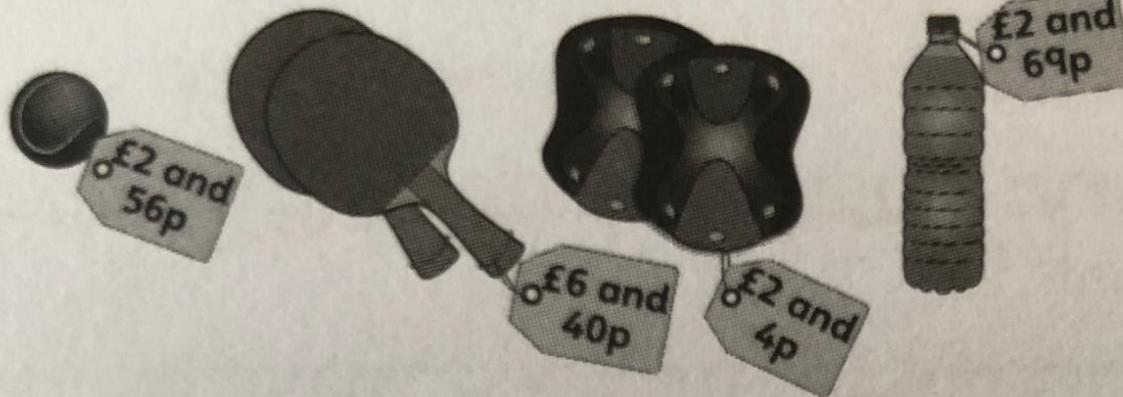
I used the end numbers to help me.

I wonder if anyone bought more than two items.

Challenge:

5 Here are some items for sale in a sports shop.

CHALLENGE



a) Which two items add together to make the greatest cost?

b) What is this cost?

c) Which two items add to make £4 and 60p?

d) Which two items add to 525p?
