

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!*

$$\text{£}1.20 + \text{£}2.32 =$$

You could add the pounds first:  $\text{£}1 + \text{£}2 = \text{£}3$   
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!

$$\text{£}1.20 + \text{£}2.32 =$$

$$\text{£}1.20 = 120\text{p}$$

$$\text{£}2.32 = 232\text{p}$$

We know  $352\text{p} = \text{£}3.52$

A handwritten column addition problem on a light brown background. The columns are labeled H (Hundreds), T (Tens), and O (Ones). The first addend is 120, and the second addend is 232. The sum is 352. The total is written below the sum in green ink.

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

Remember  
to start  
with the  
ones  
column!

Method 3:

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

$$\text{£}1.20 + \text{£}2.32 =$$

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 light brown background. The problem is set up in columns for hundreds (H), tens (T), and ones (O). The first number is 1.20, the second is 2.32, and the sum is 3.52. The decimal points are aligned vertically between the ones and tens columns. A horizontal line separates the sum from the result.

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

£3.52

Remember  
to start  
with the  
ones  
column!

$$\text{£}2.46 + \text{£}3.77 =$$

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.

A handwritten addition problem on lined paper. The first number is 2.46, the second is 3.77, and the sum is 6.23. A horizontal line separates the addends from the sum. An arrow points from the text above to the digit 7 in the second addend, indicating where a carry-over occurred. The digit 1 is written above the 2 in the sum, and another 1 is written below the 3 in the second addend, both under arrows pointing to them.

$$\begin{array}{r} 2.46 \\ + 3.77 \\ \hline 6.23 \end{array}$$

$$\text{£}2.46 + \text{£}3.77 = \text{£}6.23$$

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.

$$1. \quad £2.20 + £3.58 =$$

$$2. \quad £1.80 + £1.45 =$$

$$3. \quad £2.60 + £1.13 =$$

$$4. \quad £1.35 + £2.42 =$$

$$5. \quad £1.60 + £2.55 =$$

$$6. \quad £2.10 + £3.45 =$$

$$7. \quad £4.45 + £2.70 =$$

$$8. \quad £6.47 + 75p =$$

$$9. \quad £14 + 286p =$$

$$10. \quad 692p + 233p =$$



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.



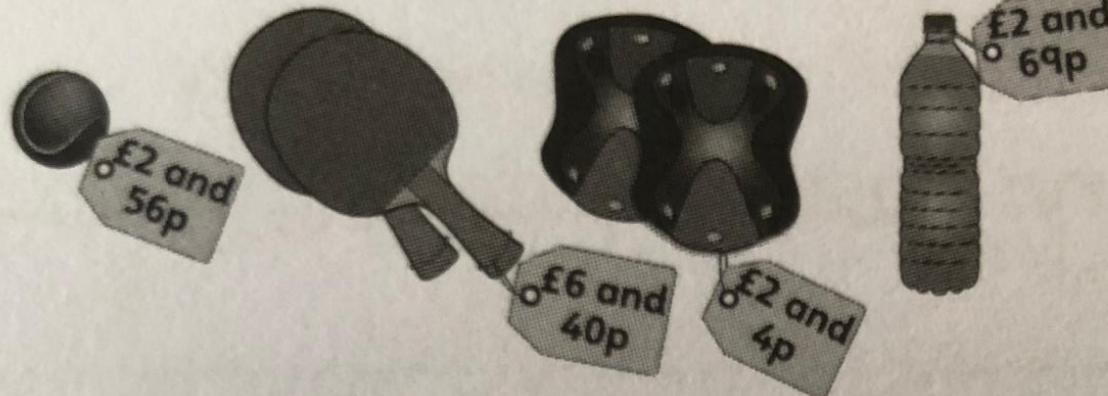
I wonder if anyone bought more than two items.



## Challenge:

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Here are some items for sale in a sports shop.



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

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b) What is this cost?

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

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d) Which two items add to 525p?

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