Sums. The're Math Magic

7 – Sum Problems 2 Solve

Please go through each slide stopping until you have understood the concept described

Which evening newspaper did he buy?

A man leaves home at 7:30 with £10 and his packed lunch.

At the station he buys the morning paper for £1.

He arrives at work just before 9am when he buys a coffee for £1

He buys a coffee every hour until he leaves work at 5:30pm.

At the station he looks into the newsagent who sells two evening papers.

Which evening newspaper did he buy?

Hint: 8am. + 10 hours = 6pm.

Sums. The're Math Magic

7 – Sum Problems 2 Solve

Which evening newspaper did he buy?

He did not buy an evening newspaper because he had run out of money!

Time	He Bought	Cost	Remaining
8am	Newspaper	£1	£9
9am	Coffee	£1	£8
10am	Coffee	£1	£7
11am	Coffee	£1	£6
Noon	Coffee	£1	£5
1pm	Coffee	£1	£4
2pm	Coffee	£1	£3
3pm	Coffee	£1	£2
4pm	Coffee	£1	£1
5pm	Coffee	£1	**None**

The sum has to be inclusive of the times

What a Racquet

I want to buy a tennis racquet but I do not have any money.

So I borrow £10 from Dad and £10 from Mum.

The racquet cost me £17

I gave Dad £1 and Mum £1 and keep £1

So I owe each of them £9

2 X £9 = £18, plus the £1 that I have equals £19

Still owed to Mum	£9
Still owed to Dad	£9
Amount I have	£1
Sub Total	£19

I borrowed £20. Where has the £1 gone?

Free use granted to teachers and school pupils

What a Racquet

Answer: The whole concept for the sum is wrong because you are trying to add two different things together, like adding apples to pears to get the total number of pears.
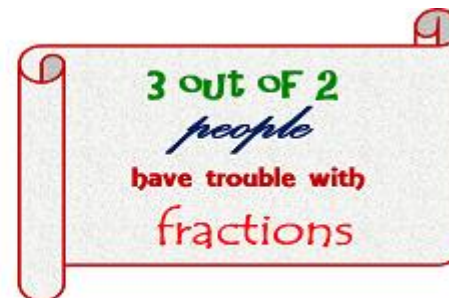
The correct sum is:

Still owed to Mum	**£9**
Still owed to Dad	**£9**
Less cost of Racquet	**-£17**
Sub Total	**£1**

This is the amount I still have.

I went into math class today and said to my teacher:

"To show you how well I understand fractions, I've only done one third of my homework!"

3 out of 2 people have trouble with fractions

Sums. The're Math Magic

7 – Sum Problems 2 Solve

X marks the spot SUM

X is always the same number.	XXX 111
What is it to be if the result consists of	XX 11
numbers with the same difference.	X 1
	------ -----
So if X was 1 the answer is 123, the difference between each number is 1.	X(2X)(3X)(123

There are only two other numbers which give a correct answer, e.g. where the difference is 3.

What are the two numbers?

Sums. The're Math Magic

7 – Sum Problems 2 Solve

X marks the spot SUM

The two possible answers are:

222	333
22	33
2	3
246	369
Difference is 2	**Difference is 3**

Any answer above 3, e.g. 4 does not provide an answer where the differences are the same.

444
44
4
492

Sums. The're Math Magic

7 – Sum Problems 2 Solve

Please go to the next lesson.

Indices