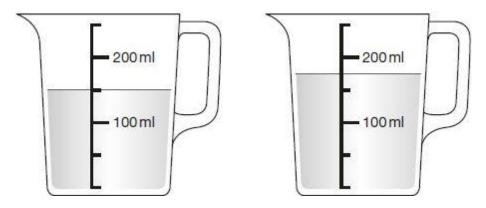
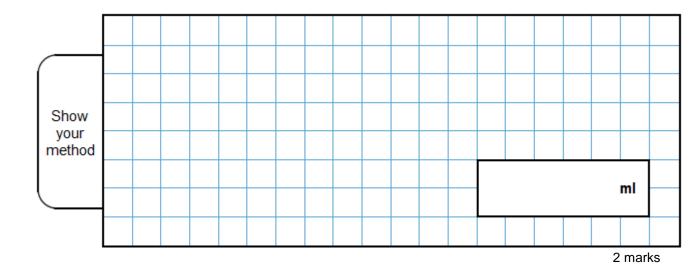
Q1. Stefan has **600 millilitres** of water in a bottle.

He pours some of the water into two measuring jugs as shown.



How many millilitres of water are left in Stefan's bottle?



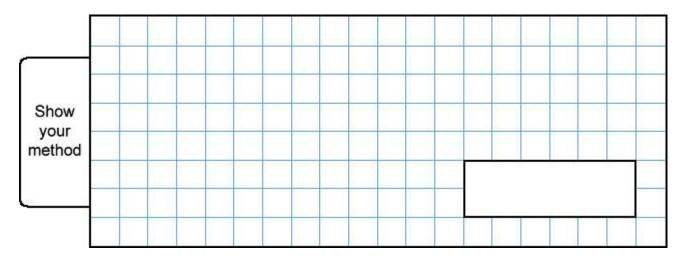
Q2.

At the start of June, there were 1,793 toy cars in the shop.

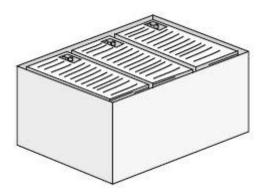
During June,

- 8,728 more toy cars were delivered
- 9,473 toy cars were sold.

How many toy cars were left in the shop at the end of June?



Q3.

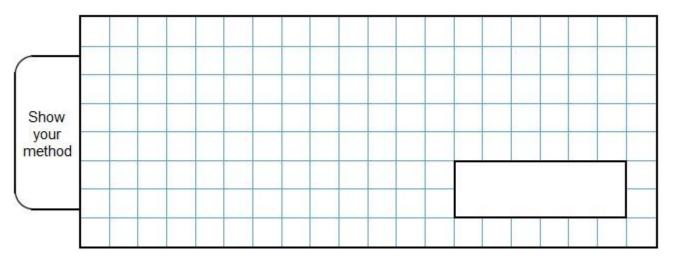


There are 2,400 leaflets in a box.

William and Ally take 450 leaflets each.

Adam and Chen share the rest of the leaflets equally.

How many leaflets does Adam get?



Q4.

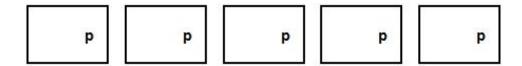
Liam has five coins.

Three of the coins add up to **30p**.

Three of the coins add up to 40p.

All five coins add up to £1

What are the coins that Liam has?



1 mark

Q5. Seb saved up for a new skateboard that cost £40



The table shows how much money he saved each week.

Week number Amount saved

1	2	3	4	5	6	7	8	9	10
£5	£4	£2	£4	£3	£4	£6	£4	£3	£5

In which week did Seb reach half the amount he needed for the skateboard?

Week

1 mark

If Seb had saved an extra £1 each week, in which week would he have reached his target of £40?

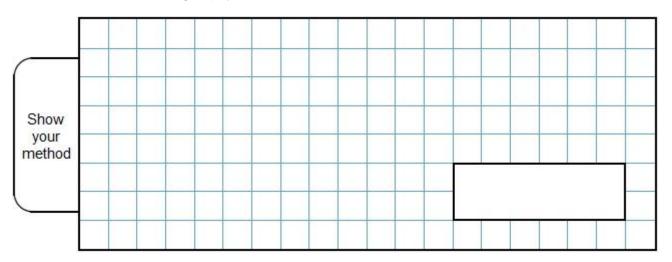
Week

Q6. Chen and Megan each buy a sandwich.

Chen gets 5p change from £2

Megan gets £2.25 change from £5

How much **more** does Megan pay than Chen?

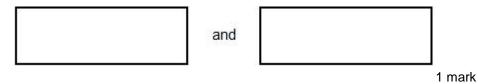


Q7. The numbers in this sequence increase by 10 each time.

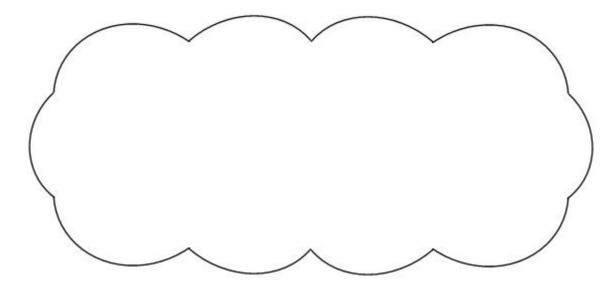
3 13 23 ...

The sequence continues in the same way.

Write two numbers from the sequence that add to make a total of 96



Explain why it is **not** possible to find **three** numbers from the sequence that add to make a total of **96**



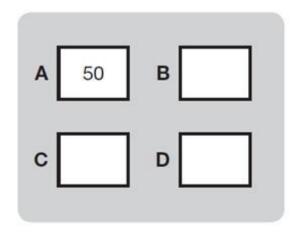
Q8.

The number in **A** is **twice** the number in **D**.

The number in **B** is **5 less** than the number in **C**.

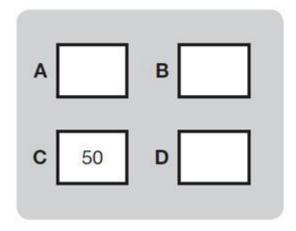
The number in **D** is **10 more** than the number in **B**.

Write the missing numbers in this diagram.



1 mark

Now use the same rule for this diagram.



1 mark

Q9.

Write numbers in the boxes to make this calculation correct.

Q10.

Dev has a bag of 50p coins and Holly has a bag of 20p coins.



Dev's bag

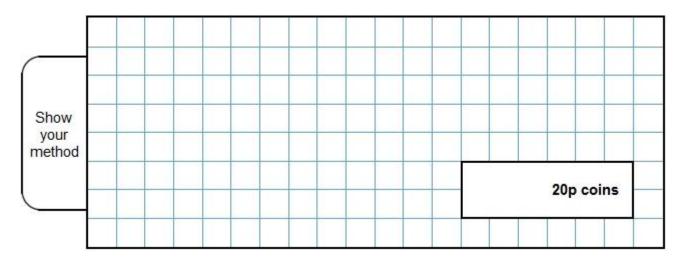


Holly's bag

Both bags have the same amount of money in.

There are **thirty** 50p coins in Dev's bag.

How many 20p coins are there in Holly's bag?



Q11.

Liam, Sarah and Amy buy lunch at a salad bar.

salad bar						
Sala	ads	Desserts				
cheese	£1.20	banana	25p			
egg	90p	apple pie	50p			
tuna	£1.60	yogurt	35p			

Liam has £2.50 to spend.

He buys a tuna salad and an apple pie.

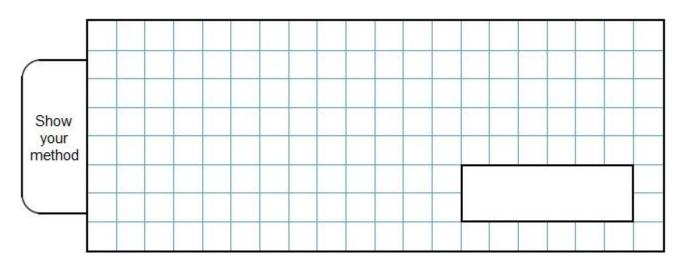
How much money has he got left?



Sarah buys a cheese salad and a yogurt.

Amy buys an egg salad.

How much more does Sarah pay than Amy?



Q12.

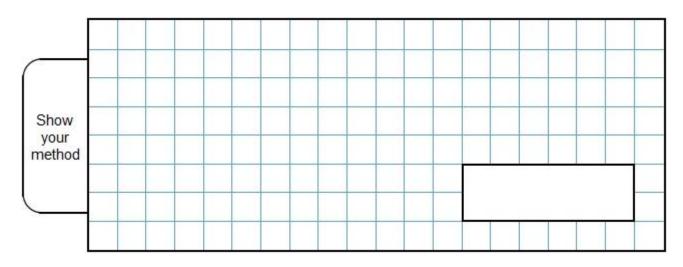


Big Wheel £2.50 each ride Rollercoaster £1.50 each ride

Liam spends £14 altogether on the Big Wheel and the Rollercoaster.

He goes on the Big Wheel twice.

How many times does he go on the Rollercoaster?

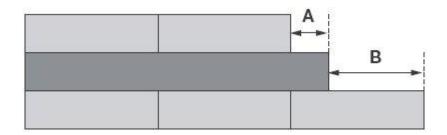


Q13.

Liam has two different sizes of rectangle.

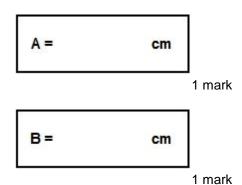


He makes this pattern with them.



Not actual size

Calculate the lengths of ${\bf A}$ and ${\bf B}$.



Q14.

Three different numbers add up to 40

The numbers are all even.

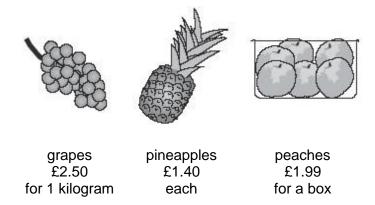
Each number is less than 20

Write what the three different numbers could be.



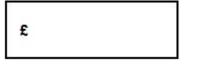
Q15.

Amir and Lara buy some fruit.



Amir buys 2 pineapples and a box of peaches.

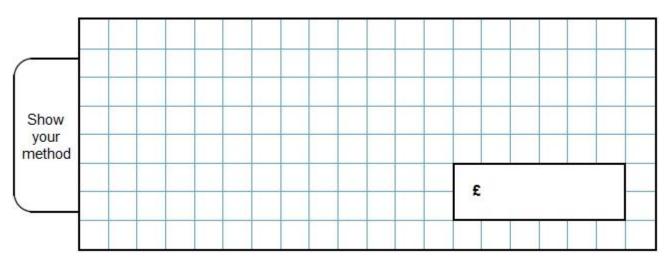
How much does he pay?



1 mark

Lara buys half a kilogram of grapes and one pineapple.

How much change does she get from £5?



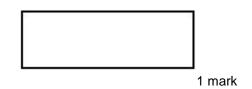
Q16.

A shop sells food for birds.



Lara has £10 to spend on peanuts.

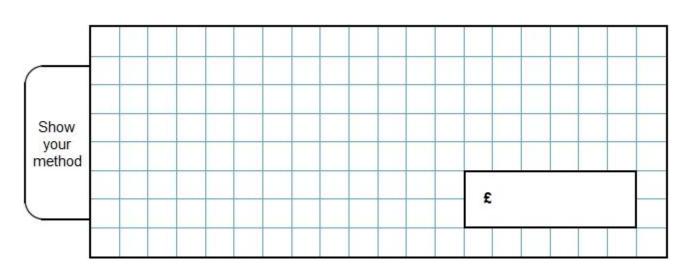
How many bags of peanuts can she get for £10?



Amir has £20

He wants to buy a bird-feeder and 4 bags of bird seed.

How much **more** money does he need?



Q17.

Emily chooses two numbers.

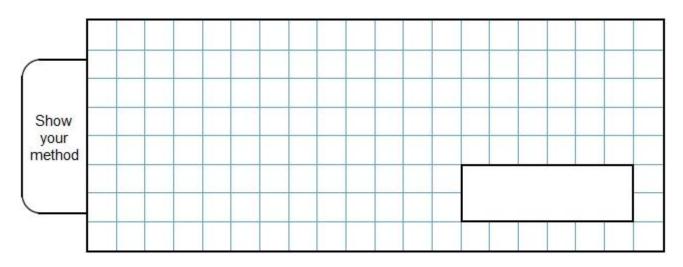


She adds the two numbers together and divides the result by 2

Her answer is 44

One of Emily's numbers is 12

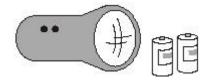
What is Emily's other number?



Q18.

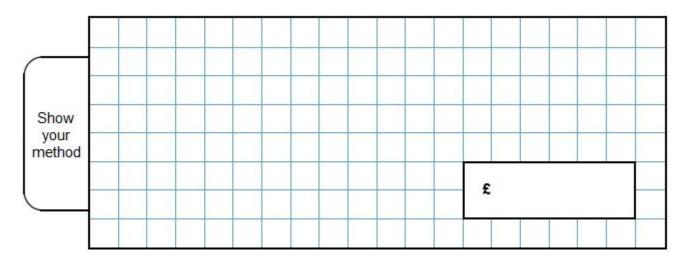
A torch costs £7.65

Kate buys a torch and **two** batteries.



She pays £8.75 altogether.

How much does one battery cost?



2 marks

Q19. The signs are missing from these number sentences.

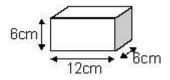
Write in the missing signs, + - ★ or ÷

The first has been done for you.

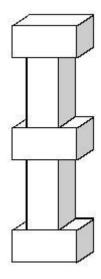
Q20.

Martin has some bricks.

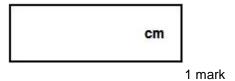
They are 12 cm long, 6 cm high and 6 cm deep.



He builds this tower with five bricks.

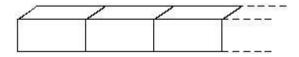


How tall is the tower?

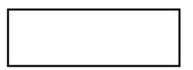


Each brick is 12 cm long.

Martin makes a line of bricks 132 cm long.



How many bricks does he use?



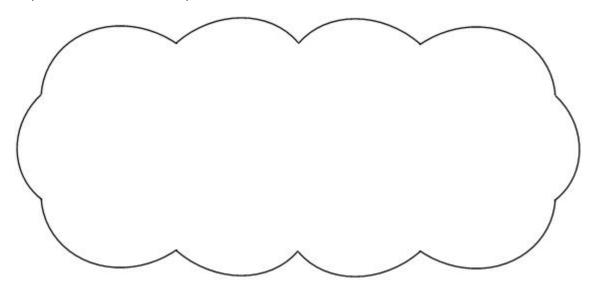
Q21.

Here is part of a number square.

The shaded numbers are part of a sequence.

113	114	115	116
123	124	125	126
133	134	135	136
143	144	145	146

Explain the rule for the sequence.



Q22.

Jordan, Anna and Ryan collect picture cards.

Cards are worth either 50 points or 100 points.

The table shows the cards they have.

Complete the table for Anna and Ryan.

	50 points	100 points	total number of points
Jordon	5 cards	2 cards	450 points
Anna	3 cards	cards	550 points
Ryan	4 cards	6 cards	points

1 mark

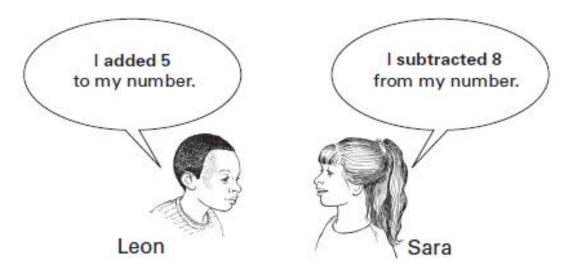
Q23.

Write in the missing digits.

4		4	+	3	8		=	8	5	1
---	--	---	---	---	---	--	---	---	---	---

Q24.

Leon and Sara each started with different numbers.



Leon and Sara both get the **same** answer.

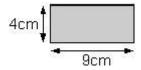
What numbers could they have started with?

Leon	Sara	
Leon	Sara	

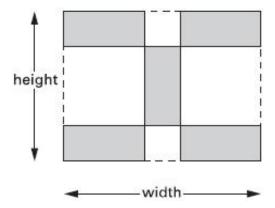
Q25.

Kim has some rectangular tiles.

Each one is 4 centimetres by 9 centimetres.



She makes a design with them.



Calculate the width and height of her design.

width = cm	Height =	cm
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Q26.

Here is the cost of pizzas.

	PIZZAS	
	Small	Medium
Ham	£4.20	£5.50
Salami	£4.40	£5.75
Mushroom	£4.50	£6,00
Cheese	£3.80	£4.95
Tuna	£4.25	£5.40
Extr	a tomato 5	0р
Extr	a cheese 6	0р

Jill orders one small cheese pizza with extra tomato.

What is the total cost?

	£		
			1 mar
Ben buys one small pizza and one medium pizza. They cost him £10			
Which two could they be?			
one small		_ pizza	
and one medium		_ pizza	

Q27.

Nadia is working with whole numbers.

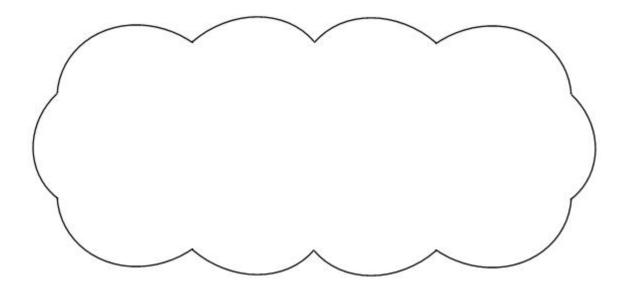
She says,

'If you add a two-digit number to a two digit number you cannot get a four-digit number.

Is she correct? Circle Yes or No.

Yes / No

Explain why.



Year 5 Booklet - Addition and Subtraction 3