

Resources

English



I could see an intricate pattern of purple clouds which floated across the vast, blue sky above. Seeping through the clouds, I was blinded by the glow of the setting sun; its burnt-orange rays signalling the end of another day in the town of Burnsted. I stood amongst an array of luscious, green fields that spread into the distance like a patchwork quilt that clung to the earth, covered in narrow, delicate streams of crystal-clear water. The water flowed from the famous, turquoise lagoon, into which the town's beautiful waterfall spilt its pearlescent cascade directly in front of me.

Maths

A

At regular intervals in the Autumn Term the children in a class were given 60 mental calculations and five minutes to answer as many as they could. These are the scores of the children on one table.

Name	Test 1	Test 2	Test 3	Test 4
Kay	18	28	26	35
Gill	28	29	37	42
Zain	26	34	41	53
Lori	19	21	25	37
Ruja	25	27	43	44
Tim	23	22	34	39

- How many did Tim score:
 - in Test 1
 - in Test 4?
- Who scored 34:
 - in Test 2
 - in Test 3?
- Who had the highest score:
 - in Test 1
 - in Test 3?
- In which test did:
 - Lori score 37
 - Gill score 37?
- In which Test did Kay make her greatest improvement?
- How many more was scored in Test 4 than Test 1 by each of the children?

B

This table shows the number of bottles of milk sold in a supermarket.

Size	Red top	Green top	Blue top
1 litre	82	49	54
2 litres	46	78	39
3 litres	17	25	32

- How many of these bottles were sold?
 - 1 litre bottles of red top
 - 2 litre bottles of blue top
 - 3 litre bottles of green top
- How many more 3 litre bottles were sold of green top than red top?
- How many fewer 1 litre bottles were sold of green top than blue top?
- How many more 2 litre bottles of red top were sold than 3 litre bottles of red top?
- How many fewer 2 litre bottles of blue top were sold than 1 litre bottles of blue top?
- Give the total number of 3 litre bottles sold.
- Give the total number of blue bottles sold.
- Copy and complete the table.

C

This table shows the number of cars entering and leaving the 3 levels of a car park hourly after its 08:00 opening. Cars entering are shown in black. Cars leaving are shown in red.

Hour	Level 1	Level 2	Level 3
1st	54	0	12
2nd	35	13	61
3rd	59	52	44
4th	48	65	25

- How many cars entered the car park in:
 - the 1st hour
 - the 2nd hour?
- In the first two hours how many cars entered:
 - Level 1
 - Level 3?
- How many cars left the car park in:
 - the 2nd hour
 - the 4th hour?
- How many more cars left Level 1 than Level 2 in:
 - the 3rd hour
 - the 4th hour?
- In the second hour how many more cars entered Level 2 than:
 - Level 1
 - Level 3?
- At the end of the second hour how many cars were on:
 - Level 2
 - Level 1?
- Copy and complete the table showing the number of cars on each level at the end of each hour.

Hour	Level 1	Level 2	Level 3
1st	54	0	12
2nd	35	13	61
3rd	59	52	44
4th	48	65	25

Answers

A

- 1 a) 23 2 a) Zain 3 a) Gill 4 a) Test 4
 b) 39 b) Tim b) Ruja b) Test 3
- 5 Test 2
- 6 Kay 17 Lori 18
 Gill 14 Ruja 19
 Zain 27 Tim 16

B

- 1 a) 82 2 32 5 15
 b) 39 3 5 6 74
 c) 25 4 29 7 125

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Type of milk	Bottles sold	Litres sold
red top	145	225
green top	152	280
blue top	125	228

C

- 1 a) 71 3 a) 15 5 a) 26
 b) 114 b) 133 b) 43
 2 a) 89 4 a) 15 6 a) 71
 b) 23 b) 26 b) 76

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Time	Number of cars		
	Level 1	Level 2	Level 3
09:00	54	12	5
10:00	76	71	23
11:00	83	78	51
12:00	66	64	48

Guided reading

Kidnapped

Somebody was coming up the stairs! Ducking down behind an old crate, we waited. I could feel my heart thumping like a bass drum. What if we were caught? The strange girl glanced at me through the semi-gloom and grinned.

Gradually, the door opened and we could hear someone tiptoeing in. There was a pause and then a torch flickered on. After a few moments, the light switched off. Then the door shut and the footsteps clicked back down the stairs. Relieved, I let

out a sigh. As we clambered out of the window and slithered down the wet roof, I was trying to remember how I had got into such a mess.

It had only been half an hour ago when Mum had sent me down to the chippie with a tenner. When I reached the roundabout, I couldn't help looking at the old house, although it wasn't much to look at. It was then that I'd seen it: a light at the window. Then I saw a face. I stood there staring. It was a girl; she was mouthing a word and the word was, 'HELP'.

That's how it happened. I'd broken in round the back through a smashed window, despite the risk of being cut. Half a minute later and I'd found her, a trapped prisoner in an upstairs room. She'd only just finished telling me that she was the American ambassador's daughter, when the kidnappers returned!

So there we were, balancing on the roof, as if we were walking the tight rope. Gripping the loose, creaking guttering desperately, I lowered myself down. Five minutes later and we were back at Mum's cosy kitchen. "So Ron, where's the fish and chips?" she asked, eyeing the girl suspiciously. Half an hour after that, her Dad arrived in a shiny embassy limousine. That night it wasn't just chips for tea. He took us all out for a huge banquet. Amazingly, the next day, there I was in the local paper. A hero.