



5a. Noah and Layla are trying to get an answer near to the target number. Arrange their three digits to make a 2 digit by 1 digit multiplication calculation with the nearest answer.






165

Noah: 5 2 8

Layla: 2 5 3

5b. Zara and Alfie are trying to get an answer near to the target number. Arrange their three digits to make a 2 digit by 1 digit multiplication calculation with the nearest answer.

300

Zara: 4 3 8

Alfie: 3 5 8

6a. Joe's teacher asks him to find, explain and correct his mistake.

Tens		Ones	
10	10	1	1

		2	3
	x		5
1	0	1	5

6b. Mia's teacher asks her to find, explain and correct her mistake.

Tens		Ones	
10	10	1	1
10	10	1	1

		4	7
	x		4
1	6	8	
		2	

4a. Sara multiplies a 2-digit number by a 1-digit number. Which numbers did she use?

3
4
23
31
42

	x		
		1	6
		8	
		1	

4b. Tom multiplies a 2-digit number by a 1-digit number. Which numbers did he use?

5
21
25
4
32

	x		
		1	0
		5	
		1	

1. The children's books have been stored away in boxes in the shed. None of the children can remember their boxes. Not all the boxes contain the children's books.

Investigate the different combinations of boxes that could belong to each child.



I stored the fewest boxes but had the greatest number of books.



The digit sum of my total number of books was between 15 and 18.



My total number of books was an even number between 140 and 280 books.



I had 140 books altogether.

