

Kim buys these two items from a The total cost is 90p.

a) What could the cost of each ite



**b)** Compare answers with a partner.

Is this possible? <u>No</u>

**c)** 

Explain your answer.

The codie wouldn't cost anything.

a and b are whole numbers.

*a* +

Complete the table to show different possible values for a and b.

a	0	1	2	3	y	S	6	7
b	S	7	ى	5	لړ	3	2	1
a + b	8	8	8	ଝ	8	8	8	&

What patterns do you notice?

cafe.				)
em be?				/
30p	400	50p	မော့	
60p	50 <sub>0</sub>	կՕ <sub>ք</sub>	30 <sub>P</sub>	

A coffee could cost 90p.







c - d = 4

Complete the table to show possible values for c and d.

	с	19	18	17	16	15	14	13	12
	d	15	14	13	12	n	(0	Р	8
с	- <i>d</i>	կ	ų	y	હ	J	J	હ	կ

5

a and b are integers.

ab = 24

List all the possible values for a and b.



6

Some scales are balanced.



What could the masses of the boxes be?



7

8

Rosie has three number cards.

- The sum of the cards is 12
- x is greater than y and y is greater than z.
- All the numbers are greater than zero.

List all the possible values of x, y and z.



Eva is plotting co-ordinates (x, y) on a grid. She is only plotting co-ordinates where x + y = 10Plot all the points Eva can plot on the grid.







6	7	6	5
С	3	Ц	4
L	2	2	3

