

In one colour can you colour the numbers in the 4 times table. In another colour can you colour the numbers in the 8 times table.

Level
2



PATTERN
SPOTTING

Always, sometimes or never?

1. Numbers in the 4 times table are in the 8 times table.
2. Numbers in the 8 times table are in the 4 times table.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

1. Numbers in the 4 times table are in the 8 times table.

Sometimes –

8, 16, 24, 32, 40 and 48 are.

4, 12, 20, 28, 36, 44 are not.

2. Numbers in the 8 times table are in the 4 times table.

Always

Rosie has some packs of cola in a box.

Some packs have 4 cans in them. Some packs have 8 cans in them.



Level
3



Rosie has 64 cans in total in the box.

How many packs of 4 cans and how many packs of 8 cans could there be?

Can you find all the possibilities? E.g. 2 packs of 4 and 7 packs of 8.

0 packs of 4 and 8 packs of 8
2 packs of 4 and 7 packs of 8
4 packs of 4 and 6 packs of 8
6 packs of 4 and 5 packs of 8
8 packs of 4 and 4 packs of 8

10 packs of 4 and 3 packs of 8
12 packs of 4 and 2 packs of 8
14 packs of 4 and 1 pack of 8
16 packs of 4 and 0 packs of 8