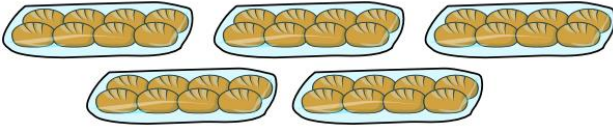
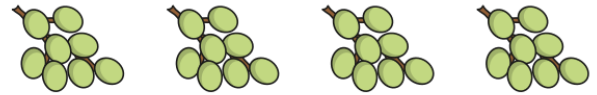


1. How many are there in total?



$$\square \times \square = \square$$



$$\square \times \square = \square$$

2. Fill in the gaps. Make sure you look carefully at whether it is a division or multiplication

a) $6 \times 8 = \square$

e) $72 \div 8 = \square$

b) $8 \times \square = 56$

f) $\square \div 11 = 8$

c) $10 \times 8 = \square$

g) $\square \div 8 = 5$

d) $\square = 8 \times 4$

h) $8 \times 1 = \square$

3. Look carefully at the sign.

There are 5 large boats and 8 small boats on a lake.

How many people are there in total on the lake?

_____ people



4. Look carefully at my example.

$$\begin{array}{l}
 16 \times 8 = ___ \\
 \swarrow \quad \searrow \\
 10 \times 8 = 80 \quad 6 \times 8 = 48 \\
 80 + 48 = 128 \quad \text{so... } 16 \times 8 = 128
 \end{array}$$

Can you now work out 15×8 using my method?

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

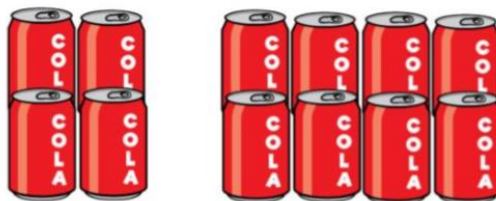
Rosie has some packs of cola in a box.

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



WORKING
SYSTEMATICALLY

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.