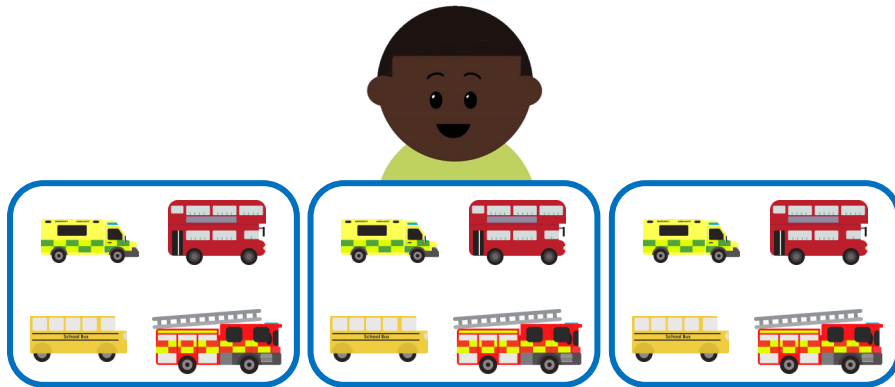




## YR3 PROGRESSION IN MASTERY LESSON PACK - MULTIPLY BY 4

### FLUENCY 1

Caleb organises his toy cars into 4 groups.



There are \_\_\_\_ equal groups with \_\_\_\_ in each group.

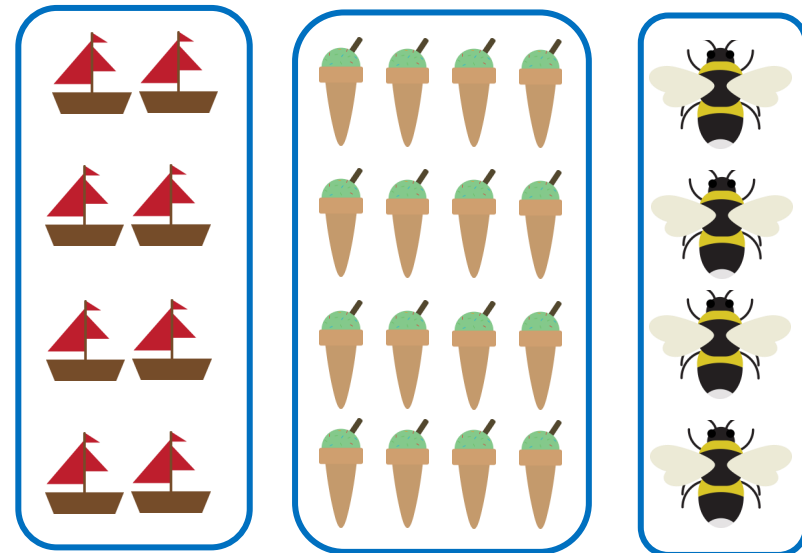
There are \_\_\_\_ cars altogether.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} =$$

$$\underline{\quad} \times \underline{\quad} =$$

### FLUENCY 2

For each representation, write a multiplication number sentence and draw a bar model.



### FLUENCY 3

Draw something to represent...

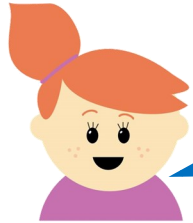
$$7 \times 4 =$$





## YR3 PROGRESSION IN MASTERY LESSON PACK - MULTIPLY BY 4

### REASONING 1



I can use my 2 times table to help me multiply by 4.

Is Millie correct?

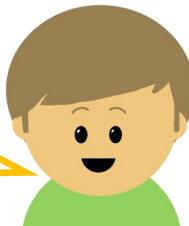
Draw something to explain your answer.

### REASONING 2

Is Jerry correct?

x	?	6
4	20	?

The missing number in both boxes is the same



Explain how you know.

### REASONING 3

Asha needs to order 30 cupcakes for her birthday party. Cupcakes come in packs of 4.

Asha has ordered 6 boxes.



Has she got enough? Convince me!

### REASONING 4

True or False?

All of the numbers in the 4 times table are even.

There are no numbers in the 5 times table that are in the 4 times table.

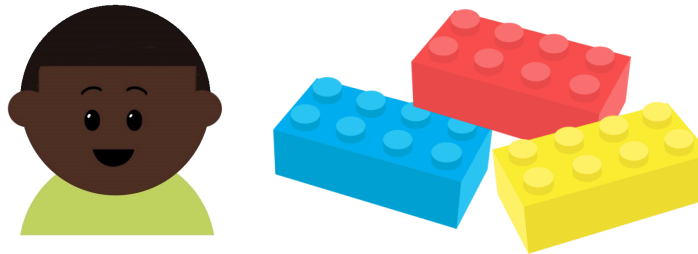




**PROBLEM SOLVING 1**

Caleb counts his building bricks in fours and has 3 left over.

He then counts them in fives and has 4 left over.



**How many bricks could Caleb have?**

