

**White**

**Rose  
Maths**

Year 3 - Autumn - Block 3

**Multiplication & Division**

Which of the problems can be solved using  $12 \div 4$ ?

There are 12 bags of sweets with 4 sweets in each bag. How many sweets are there altogether?

A rollercoaster carriage holds 4 people.  
How many carriages are needed for 12 people?

I have 12 crayons and share them equally between 4 people. How many crayons does each person receive?

I have 12 buns and I give 4 to my brother.  
How many do I have left?

Explain your reasoning for each

Five children are playing a game.

They score 4 points for every bucket they knock down.



Mo	16
Eva	28
Tommy	12
Amir	32
Dora	8

How many buckets did they knock down each?

How many buckets did they knock down altogether?

How many more buckets did Eva knock down than

Mo?

I have forgotten what  
 $4 \times 4$  is.



Jack says,

“The answer is more than  $3 \times 4$ ”

$$4 \times 4 = 3 \times 4 + \underline{\quad}$$

Mo says,

“The answer is 4 less than  $5 \times 4$ ”

$$4 \times 4 = \underline{\quad} \times 4 - \underline{\quad}$$

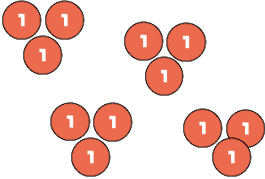
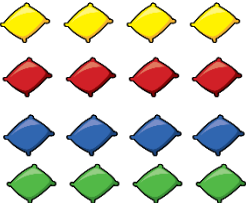
Teddy says,

“The answer is double  $2 \times 4$ ”

$$4 \times 4 = \underline{\quad} \times 4 \times \underline{\quad}$$

Whose idea do you prefer? Why?

Which part below does not show counting in fours?

$4 + 4 + 4 + 4$				
	<table border="1"> <tr> <td data-bbox="963 692 1108 799">4</td> <td data-bbox="1108 692 1253 799">4</td> <td data-bbox="1253 692 1398 799">4</td> </tr> </table>	4	4	4
4	4	4		

Explain why.

$$8 \times 3 = \underline{\quad}$$

$$2 \times 4 \times 3 = \underline{\quad}$$

$$2 \times 2 \times 2 \times 3 = \underline{\quad}$$

What do you notice?

Why do you think this has happened?