

# 5

## MULTIPLICATION AND DIVISION

White  
Rose  
Maths



From White Rose Maths schemes for Year 5 Spring Term  
**BLOCK 1 - MULTIPLICATION AND DIVISION**

1 Work out the calculations.

$$231 \times 3$$

$$615 \div 3$$

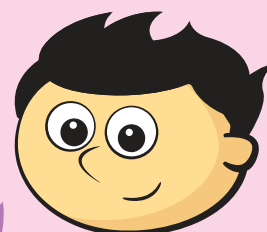
$$1,461 \times 6$$

$$846 \div 5$$

- 2 Complete the calculation.

			2		8	
	×				7	
		1		3	6	

- 3 Jack is thinking of a number.



When I multiply  
my number by 9,  
I get 234

What is Jack's number?

- 4 Complete the grid for the multiplication  $43 \times 16$

	40	3
10	400	
6		

Use a grid to work out  $36 \times 14$

- 5 In a theatre there are 52 rows of chairs.

There are 39 chairs in each row.

How many chairs are there altogether?

6

Annie and Mo each arrange five digit cards to make a 3-digit and a 2-digit number.

They then multiply their numbers together.



Here is Annie's arrangement.

$$\begin{array}{|c|c|c|} \hline 4 & 5 & 8 \\ \hline \end{array} \times \begin{array}{|c|c|} \hline 3 & 9 \\ \hline \end{array}$$

What is her answer?

Mo's answer ends in a zero.

What could his numbers be?

$$\begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} \times \begin{array}{|c|c|} \hline & \\ \hline \end{array}$$

7

A jacket costs £43



Six jackets and four pairs of shoes cost £362

How much does a pair of shoes cost?

8

Some cards are shared between 8 boxes.

There are 57 cards in each box and 3 left over.

How many cards were shared?

9

Work out  $20 \times 49 \times 5$

Explain or show your method.

# Answers



- 1  $231 \times 3 = 693$   
 $615 \div 3 = 205$   
 $1,461 \times 6 = 8,766$   
 $846 \div 5 = 169 \text{ r}1$

2

			2	4	8	
	x				7	
		1	7	3	6	

- 3 26

4

	40	3
10	400	30
6	240	18

$$400 + 240 + 30 + 18 = 688$$

	30	6
10	300	60
4	120	24

$$300 + 120 + 60 + 24 = 504$$

5 2,028 chairs

6 Annie: 17,862

Mo: Any combination where the last digit of one of the numbers is a 4 and the last digit of the other number is a 5

7 £26

8 459 cards

9 4,900