5 MULTIPLICATION AND DIVISION

White Rose Maths

1 Work out the calculations.

231 × 3

615 ÷ 3

1,461 × 6

846 ÷ 5

2 Complete the calculation.

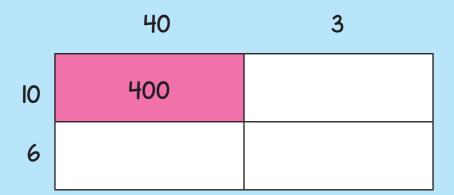|						
			2		8	
	×				7	
		1		3	6	

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 × 16

	40	3
10	400	
6		

Use a grid to work out 36 × 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.

| 9 | 4 | 5 | 3 | 8 |

Here is Annie's arrangement.

| 4 | 5 | 8 | **×** | 3 | 9 |

What is her answer?

Mo's answer ends in a zero.

What could his numbers be?

| | | | **×** | | |

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 × 49 × 5
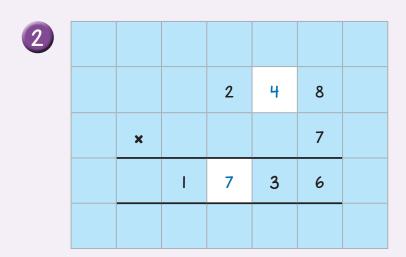
Explain or show your method.

Answers

1 231 × 3 = **693**

615 ÷ 3 = **205**

1,461 × 6 = **8,766**

846 ÷ 5 = **169 r1**

2

			2	**4**	8	
	×				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