

## Step 1: Three-digit $\div$ one-digit short division revision

In **Division 1** you learnt how to divide by one-digit numbers such as  $945 \div 7$  (short division). In this book you will learn how to do **long division** where you divide by two-digit numbers such as  $945 \div 70$ . First we will revise short division.

### What to do (a reminder)

- As usual, work from the left and divide each digit by the divisor. Write your answer on top of the line. Start with the hundreds digit of the large number. Here it is 9. Divide this digit by the divisor, 7. Ask: *How many 7s in 9?*  $9 \div 7 = 1$  remainder 2. So write the 1 above the line in the hundreds column and carry the 2 next to the tens digit of the large number.
- Then look at the tens. Instead of 4 tens we now have 24 tens. Divide by the divisor, 7. Ask: *How many 7s in 24?*  $24 \div 7 = 3$  r3. Write the 3 above the line in the tens column and carry the remaining 3 to the units column.
- Now look at the units. Instead of 5 units we now have 35 units. Divide this digit by the divisor, 7. Ask: *How many 7s in 35?*  $35 \div 7 = 5$ . Write the answer 5 above the line in the units column.

$$945 \div 7 = ?$$

	H	T	U
	1		
7	9	<sup>2</sup> 4	5

	1	3	
7	9	<sup>2</sup> 4	<sup>3</sup> 5

	1	3	5
7	9	<sup>2</sup> 4	<sup>3</sup> 5

$$945 \div 7 = 135$$

### Now you try

1

	1		
5	9	<sup>4</sup> 6	5

2

	1		
4	7	4	4

3

8	3	6	8

4

6	9	1	8

5

3	9	8	4

6

6	7	5	6