Follow this sheet to revisit a topic from year 5 maths. Complete as much as you feel confident doing.

Warm up

1) Work out 2,713 × 8

2) What is the perimeter of the square?

5 cm

3) What is 5^2 ?

4) Max saves £15. He spends £2.50 on a magazine. How much does he have left?

L.O: Divide by 10, 100, 1000.

Dividing by 10 , 100 or 1000 does not require use of the bus stop method. Instead you need to use your knowledge of place value. Remember the digits will move 1, 2 or 3 places to the right across the place value chart.

⊗ **Multiplying and Dividing by 10, 100 and 1000** ⟩

10 000	1000	100	10	1	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

Multiplying		**Dividing**	
X 10	digits move LEFT **1** space	÷ 10	digits move RIGHT **1** space
X 100	digits move LEFT **2** spaces	÷ 100	digits move RIGHT **2** spaces
X 1000	digits move LEFT **3** spaces	÷ 1000	digits move RIGHT **3** spaces

← →

Copy and complete the questions into your exercise book.

1

Complete the division sentences.

a) 90 ÷ 10 = ☐   d) ☐ = 1,460 ÷ 10   g) 700 ÷ 10 = ☐

b) 750 ÷ 10 = ☐   e) 32,390 ÷ 10 = ☐   h) 92,000 ÷ 10 = ☐

c) 820 ÷ 10 = ☐   f) 6,200 ÷ 10 = ☐

2 Explain to a partner how to divide a number by 100

Ask them to explain to you how to divide a number by 1,000

4 Complete the table.

Number	Number divided by 10	Number divided by 100	Number divided by 1,000
65,000			
	7,200		
		3,500	

5 Complete the division sentences.

a) 4,500 ÷ 10 = ☐   c) ☐ ÷ 10 = 76

62,000 ÷ 10 = ☐   ☐ ÷ 100 = 76

739,300 ÷ 10 = ☐   ☐ ÷ 1,000 = 76

b) 4,500 ÷ 100 = ☐   d) ☐ ÷ 1,000 = 30

62,000 ÷ 100 = ☐   ☐ ÷ 1,000 = 300

739,300 ÷ 100 = ☐   ☐ ÷ 1,000 = 3,000

6 In 2019, 568,000 houses were built.

In 2018, 10 times fewer houses were built.

In 2017, 100 times fewer houses were built.

a) How many houses were built in 2018?

b) How many houses were built in 2017?

c) How many houses were built between 2017 and 2019?

7 Alex is thinking of a number.

She divides it by 100

The answer has one more in the hundreds column than in the tens column.

The total of the digits is 15

What could the number be?

How many different answers can you find?