### **Knowledge Organiser - Maths**

When a number is divided by 10, 100 or 1,000, the

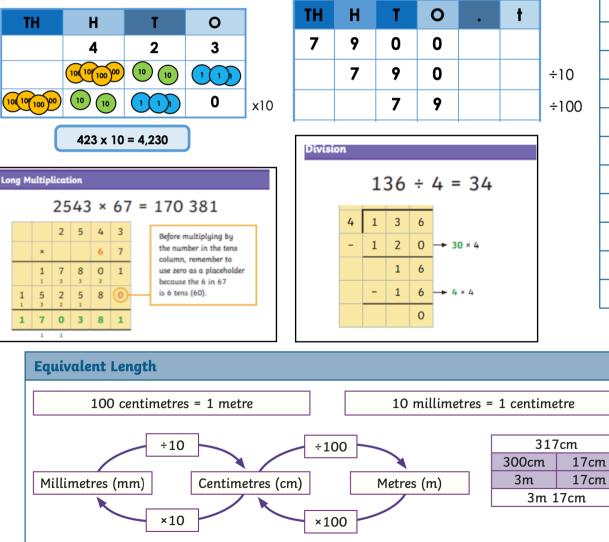
digits move to the right in the place value

## **Multiplication and division**

#### Multiply and dividing by 10, 100 and 1.000

When a number is multiplied by 10, 100 or 1,000, the digits move to the left in the place value column. The diaits move 1 place left when we multiply by 10, 2 places to multiply by 100 and 3 places to multiply by 1,000.

The empty place value spaces are filled with a **0 as** a place holder.

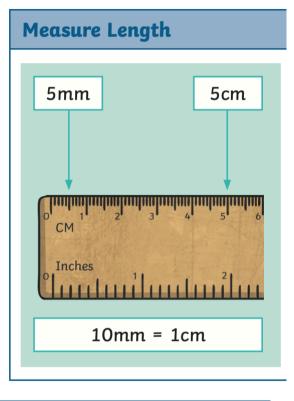


100 and 1,000:

## column: 1 place when dividing by 10, 2 places to divide by 100 and 3 places to divide by 1,000. **Key Vocabulary** Look what happens when we divide 7,900 by 10, metre (m) centimetre (cm) millimetre (mm)

height length width perimeter further/furthest higher/highest longer/longest shorter/shortest taller/tallest

# Length and perimeter



#### Perimeter

