

# Key Instant Recall Facts

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

- I can divide a whole number and a decimal number by 10, 100 & 1000.

### Key Vocabulary:

Division  
Decimal  
Place value  
Digit  
Quotient (the answer to a division calculation)

### Stem sentences to use:

When I divide by 10, the digits move \_\_\_\_ place to the right.  
When I divide by 100 or 1,000, the digits move \_\_\_\_ places to the right.

The decimal point stays in the same place because \_\_\_\_\_.

### Suggested activities:

#### Place Value Slider

- Write numbers and slide the digits right when dividing by 10, 100 or 1,000.

#### Card Match

- Match division calculations to the correct answers (e.g.  $450 \div 100 = 4.5$ ).

#### Quick-Fire Challenge

- Ask 10 questions such as  $80 \div 10$ ,  $6.3 \div 10$  and  $4,500 \div 1,000$ .

#### Spot the Mistake

- Write incorrect answers for your child to correct.
- Example:  $5.6 \div 10 = 56$  ✗

#### Real-Life Maths

- Use money and measurements:
  - £35  $\div$  10
  - 450 cm  $\div$  100
  - 2,000 ml  $\div$  1,000

#### Roll, Divide and Explain

- Roll a die to make a number, then divide it by 10, 100 or 1,000.
- Explain how the digits move and why the decimal point stays in the same place.

Top tip: The decimal point stays in the same place. When dividing by 10, 100 or 1,000, the digits move right through the place value columns.

#### Place Value Grid

| Hundreds | Tens | Ones | Tenths<br>$\frac{1}{10}$ | Hundredths<br>$\frac{1}{100}$ | Thousandths<br>$\frac{1}{1000}$ |
|----------|------|------|--------------------------|-------------------------------|---------------------------------|
|          |      |      |                          |                               |                                 |
|          |      |      |                          |                               |                                 |