

# Key Instant Recall Facts

## Year 4 – Summer 1

### Multiply and divide 1- & 2- digit numbers by 10 and 100

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

#### Some examples

$$7 \times 10 = 70$$

$$8 \times 100 = 800$$

$$7 \div 10 = 0.7$$

$$8 \div 100 = 0.08$$

$$56 \times 10 = 560$$

$$24 \times 100 = 2,400$$

$$56 \div 10 = 5.6$$

$$24 \div 100 = 0.24$$

#### Key Vocabulary

Thousands, hundreds, tens, ones, tenths, hundredths

What is 7 multiplied by 10?

What is 7 times 100?

What is 56 divided by 10?

- Write a 1-digit number or a 2-digit number on a place value chart (see resources). Discuss what happens when we multiply by 10 or 100. **Each digit in the number is moved one (x 10) or two (x 100) columns to the left on the place value chart. We place 0 in any empty ones or tens columns. These are called place holders.**

Discuss what happens when we divide by 10 or 100. **Each digit in the number is moved one ( $\div 10$ ) or two ( $\div 100$ ) columns to the right on the place value chart. We use 0 in the ones column as a place holder.**

- Even though the numbers used are sometimes bigger than we need, these helpful videos model the process:  
[Multiply by 10](#)    [Multiply by 100](#)    [Divide by 10](#)    [Divide by 100](#)
- Help your child to see that multiplying by 100 is the same as multiplying by 10 and then multiplying by 10 again. Also, dividing by 100 is the same as dividing by 10 and then dividing by 10 again.