



Crown Meadow First School & Nursery Key Instant Recall Facts Year 4- Summer 2

Targets:

- * I can multiply and divide 1 and 2 digit numbers by 10 and 100.

Children should know these facts. The aim is for them to recall these facts instantly.

When you multiply by 10, the digits move **one** place to the **left** e.g.

$$4 \times 10 = 40$$

$$7 \times 10 = 70$$

$$64 \times 10 = 640$$

$$28 \times 10 = 280$$

When you multiply by 100, the digits move **two** places to the **left** e.g.

$$4 \times 100 = 400$$

$$7 \times 100 = 700$$

$$64 \times 100 = 6400$$

$$28 \times 100 = 2800$$

When you divide by 10, the digits move **one** place to the **right** e.g.

$$4 \div 10 = 0.4$$

$$7 \div 10 = 0.7$$

$$64 \div 10 = 6.4$$

$$28 \div 10 = 2.8$$

When you divide by 100, the digits move **two** places to the **right** e.g.

$$4 \div 100 = 0.04$$

$$7 \div 100 = 0.07$$

$$64 \div 100 = 0.64$$

$$28 \div 100 = 0.28$$

Key Vocabulary:

Ten times bigger

Ten times smaller

Hundred times bigger

Hundred times smaller

Decimal point

Helpful Hints

The secret to success is practicing little and often.

<https://www.bbc.com/bitesize/articles/z2fkwx>

Play games- make your own dominoes with calculations on one side and the answers on the other side.

Children should be able to work these out in their heads. They should also be able to say answers such as $3 \div 10 = 0.3$ as 3 tenths and $32 \div 100 = 0.32$ as 32 hundredths or 3 tenths and 2 hundredths.