Key Instant Recall Facts

Year 4 Summer 1

We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will also be expected to practise these key facts at home.

Your key fact this half term is

To multiply and divide single-digit numbers by 10 and 100

Fact Families:

7 x 10 = 70	30 x 10 = 300	6 x 100 = 600
10 x 7 = 70	10 x 30 = 300	100 x 6 = 600
70 ÷ 7 = 10	300 ÷ 30 = 10	600 ÷ 6 = 100
70 ÷ 10 = 7	300 ÷ 10 = 30	600 ÷ 100 = 6

Key Facts

40 x 100 = 4000	0.8 x 10 = 8	0.2 x 10 = 2
100 x 40 = 4000	10 x 0.8 = 8	10 x 0.2 = 2
4000 ÷ 40 = 100	8 ÷ 0.8 = 10	2 ÷ 0.2 = 10
4000 ÷ 100 = 40	8 ÷ 10 = 0.8	2 ÷ 10 = 0.2

Hundreds	Tens	Ones	Tenths	Hundredths

Key Vocabulary

What is 5 multiplied by 10?

What is 10 times 0.9?

What is 700 divided by 70?

Divide 6 by 10.

10/100 times smaller or larger

hundreds, tens, ones

decimal point

tenths, hundredths

MAKE IT FUN

Remember year 4, when we multiply by 10, the digits move one place to the left. When we divide by 10 the digits move one place to the right. This BBC Bitesize clip tells you more about multiplying and dividing by 0, 1, 10 and 100

Create a poster to help you remember this important skill.

Play shops: Gather a selection of items and price them up (eg. £1.34). Have someone suggest that you buy 10 or 100 lots. What would the total come to?

Place multiples of 10 and 100 around the room or garden. Call out 10x or 100x questions. Run to run to the correct answer.

MAKE IT LINK

https://www.topmarks.co.uk/maths-games/hit-the-button

Times or Divide Bingo - 7-11 year olds - Topmarks

Multiply by 10 and 100 - Whack-a-mole (wordwall.net)

Divide by 10, 100 - Balloon pop (wordwall.net)

DEEPEN IT

Eva is dividing by 100, whilst Whitney is dividing by 10. They both start with the same 4-digit number.

They give some clues about their answer. Eva says “My answer has 8 ones and 2 tens.” Whitney says “ My answer has 2 hundreds, 8 tens and 0 ones.”

What number did they start with?

Multiply Multiples 1 (maths.org)

Multiply Multiples 2 (maths.org)

Multiply Multiples 3 (maths.org)