

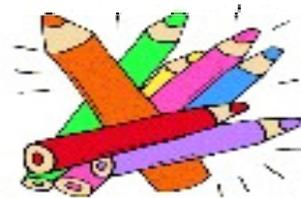
Key Instant Recall Facts

Reception, Year 1, 2
and 3: Spring Term 1

This half term your child is working towards achieving their individual KIRF target, indicated below.
The ultimate aim is for your child to be able to recall these facts **instantly!**

Say the numbers in order to 10	Know all number bonds to 10	Know multiplication and division facts for 10x table	Know multiplication and division facts for 2x and 4x table
--------------------------------	-----------------------------	--	--

If there are 10 pencils in the packet and I take 7 out, how many are left?



3 pencils are left

Well done, that was quick!

$0 \times 10 = 0$
$1 \times 10 = 10$
$2 \times 10 = 20$
$3 \times 10 = 30$
$4 \times 10 = 40$
So...
$10 \div 10 = 1$
$20 \div 10 = 2$
$30 \div 10 = 3$
$40 \div 10 = 4$

If I know $7 \times 2 = 14$ then I can double the answer to find 7×4 ! It's 28!



Building confidence in mathematics is crucial so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!

Helpful hints for parents

Reception, Year 1, 2
and 3: **Spring Term 1**

- Look at the patterns with both objects and numbers e.g. as one number increases the other one decreases.
- Practise with the numbers in order and chosen randomly - the aim is for the child to be able to respond immediately.
- Chanting tables really does help. Make it fun by adding actions too or singing!
- Don't forget to chant those division facts too, they are often much harder to recall.

Key vocabulary

times multiplied by Add lots of Total groups of How many more to make? Altogether
divided by shared double half

Make it real!

If there are 14 socks in the wash baskets. How many pairs will there be?



7 pairs!
How do you know?
Double 7 is 14.

For a party we have four 2 litre bottles of pop. How many litres do we have altogether?

8 litres!
How do you know?
Two multiplied by four is eight.

There are 4 children in the paddling pool, how many toes are there?

40 toes!
How come?
4 times 10 is 40.



Six children have 4p each. How much will they have altogether?



24p!
How did you work that out?
Six lots of four pence is 24p.

Encourage children to use doubling to work out their 4x table if they already know their 2x table. To work out 4x table facts, double and double again!

Make it fun!

Call out!

Use a puppet or favourite teddy to count to 10, making a mistake. Can the child spot the mistake and explain what is wrong - then count along correctly with you.



What's hidden?

Play bunny ears! Parent to hold up 4 fingers to make 'ears'. Child makes ears with 6 fingers. (bonds to 10)

Playing cards:

Remove picture cards from the pack. Pick a card and state the multiplication and division fact that the child is working on. e.g. Pick the '8' card; so $4 \times 8 = 32$ and 32 divided by $4 = 8$

Dice:

Roll two die, find the total. The child multiplies the total by 2, 4 or 10. Can they also say the associated division fact?

Songs and rhymes

There are lots of CDs available with musical tables. Great fun to sing along to on long car journeys!
Songs to support number bonds to 10 in a bed, 10 green bottles



Timed Games:

How well are you doing? How many questions can you answer in 2 minutes. Can you beat your own record?