

Key Instant Recall Facts

This half term your child is working towards achieving knowledge of KIRFs, indicated below.

The ultimate aim is for your child to be able to recall these facts **instantly!**

Say the
number names
in order to 5

Know all the
number bonds
to 5 (then
moving to 10)

Know all the
number bonds to
20

Know all the
number bonds for
each number to
20

Example of number bonds to 5:



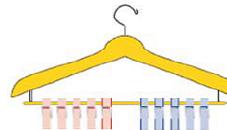
Five teddies are sitting on a shelf, 1 fell off,
how many are left?

Four are left!

Well done, that was
quick!

All number bonds to 10:

Two hands, one showing fingers and one showing a fist, used to represent numbers in equations.
$$6 + ? = 10 \quad ? + 6 = 10$$
$$10 - 6 = ? \quad 10 - 4 = 6$$



$$\begin{array}{l} 0 + 10 = 10 \\ 1 + 9 = 10 \\ 2 + 8 = 10 \\ 3 + 7 = 10 \\ 4 + 6 = 10 \\ 5 + 5 = 10 \\ 6 + 4 = 10 \\ 7 + 3 = 10 \\ 8 + 2 = 10 \\ 9 + 1 = 10 \\ 10 + 0 = 10 \end{array}$$

Helpful hints for parents

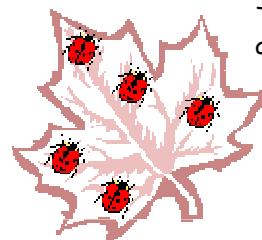
Reception, Year 1, 2 and 3: Autumn 1

- Use objects to consider the bonds in a practical way.
- 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 - remember the aim is for the child to be able to respond immediately.

Key vocabulary

Add, Total, How many more to make?, Altogether

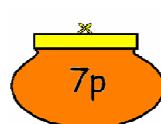
Make it real!



There are 5 ladybirds on the leaf. Two fly away, how many are left?

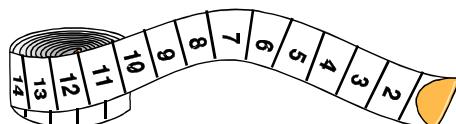
3 ladybirds!
How do you know?
Well, 2 add 3 make
5.

I have 7p in my purse. How much more do I need to make 10p?



3p!
Why?
Because 3p and 7p totals
10p

I have 18 cm of ribbon, I cut off 14 cm. How much ribbon is left?



4 centimetres.
Are you sure?
Yes, because I know that 4 and 14 make 18 altogether.

Make it fun!

Call out!

Play number ping pong!

Start by saying 'ping', child replies with 'pong'.

Repeat and then convert to numbers i.e. say '2' and they reply '8'
(number bonds to 10)

What's hidden?

There are 5 beans on this plate, I hide some under a beaker - how many have I hidden?

Playing cards:

Take out the picture cards from the deck of cards. Include the jokers as 'zero'.

1) Play snap by matching the number bonds.

2) Play the 'memory game' to find matching number bonds.

Dominoes:

Connect two dominoes to make the bond.



Songs and rhymes

e.g. 5 speckled frogs, 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?