

# Key Instant Recall Facts

Reception, Year 1, 2  
and 3: **Summer 2**

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!**

|             |  |  |  |
|-------------|--|--|--|
| Count in 2s | Count forward and backward in steps of 2, 5 and 10 | Know multiplication and division facts for 5x tables | Know all multiplication and division facts for 3x, 6x and 9x table |
|-------------|--|--|--|



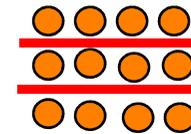
Can you count the teddies' eyes?

2,4,6,8!

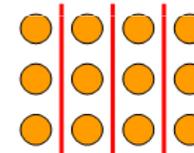
Well done, that was quick!

$$\begin{aligned} 1 \times 5 &= 5 \\ 2 \times 5 &= 10 \\ 3 \times 5 &= 15 \\ 4 \times 5 &= 20 \\ \text{So...} \\ 5 \div 5 &= 1 \\ 10 \div 5 &= 2 \\ 15 \div 5 &= 3 \\ 20 \div 5 &= 4 \end{aligned}$$

▶ ARRAYS



$$3 \times 4$$



$$4 \times 3$$

so,  $12 \div 4 = 3$  and  $12 \div 4 = 3$

## Helpful hints for parents

Reception, Year 1, 2  
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- Encourage children to use doubling to work out their 6x table if they already know their 3x table.
- Remember to count backwards at least as many times as forwards as this is what children find most difficult
- 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

add total how many more to make? altogether  
times multiplied by lots of groups of multiple of divided by shared double half

## Make it real!

There are seven 5p coins in my purse. How much is there all together?

35p!  
How do you know?  
Because seven fives are 35.



A tent sleeps three. How many tents will you need for 18 children?



6!  
Can you explain why?  
There are 6 groups of 3 in 18.

Six beans are planted in each pot. There are 8 pots, how many beans will be needed?

48!  
Are you sure?  
Yes, because 6 times 8 equals 48.



***There are some interesting patterns in the 9 x table. Look at the answers to the multiplications in the 9 times table. The digit sum is always 9!  
e.g. 36 ... 3 + 6 = 9***

## Make it fun!

### Call out!

Use a puppet or favourite teddy to count in 2s, making a mistake. Can the child spot the mistake and explain what is wrong - then count along correctly with you.

### Dominoes?

Pick a domino and add the dots. The child multiplies the total by 5, 3, 6 or 9. Can they also give the associated division fact?



### 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  
 $5 \times 8 = 40$  and  $40$  divided by  $5 = 8$

### Dice:

Roll two die, find the total. The child multiplies the total by 5, 3, 6 or 9. 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!



### Timed Games:

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