



Key Instant Recall Facts

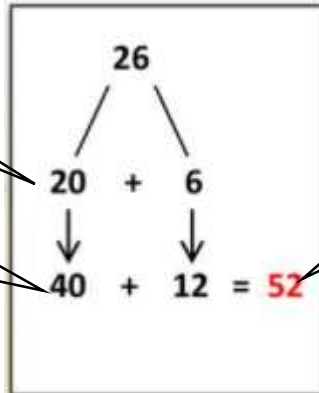
YEAR 4 KIRF CARD



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

To know the doubles and halves of all numbers to 50

By the end of this half term, children should be able to double and halve all numbers to 50. The aim is for them to recall these facts **instantly.**



First partition the number

Double each part of the number

Recombine

What is $\frac{1}{2}$ of 38?

$$\frac{1}{2} \text{ of } 8 = 4$$

$$\frac{1}{2} \text{ of } 30 = 15$$

So $\frac{1}{2}$ of 38 must be 19!

Play number ping pong!



Start of saying 'ping', child replies with 'pong'. Repeat and then convert to numbers i.e. say 39 and they reply '78'. Or say, '78' and they say '39'



Timed Challenges

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

KEY VOCABULARY and QUESTIONS

Multiply/ product/ times by /lots of/ share/ group /divide double/ near double/ twice /2 lots of 2/ times/ half halved /divided by 2/ shared between 2 group/ in pairs

What is double 37? *Explain how you know*

How do you double/halve a number?

Show me

Is double 35 70 ? *Prove it!*

HELPFUL HINTS:

- Create regular opportunities for rapid fire questions where an instant correct answer is required
- Encourage children to use what they already know, for example the 4x table is double the 2x table!
- When children are confident with doubles ask them to find the corresponding halves
- Practise halving at least as often as doubling. This will help children with subtraction at a later

Hit the Button Game Online



Just scan the QR code to find the game and choose doubles



Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. 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! If you would like more ideas, please speak to your child's teacher.