

 Stage 3 KIRFs	Examples	KIRF Target	Achieved
I know all my Stage 1 & 2 KIRFs	<i>Revise & ensure children have instant recall of facts from Stage 1 & 2 before moving on.</i>		Date:
I know that $0.5 = \frac{1}{2}$	$0.5 = \frac{1}{2}$ $1.5 = 1 \frac{1}{2}$ $2 \frac{1}{2} = 2.5...$	☆☆☆	Date:
I can convert between cm and mm	E.g. 7cm = 70mm 90mm = 9cm 27cm = 270mm 37mm = 3.7cm	☆☆☆	Date:
I know all of the 3 times table facts	All of 3x table facts 1x to 12x in random order	☆☆☆	Date:
I know all of the 4 times table facts	All of 4x table facts 1x to 12x in random order	☆☆☆	Date:
I know all of the 8 times table facts	All of 8x table facts 1x to 12x in random order	☆☆☆	Date:
I know how to use known number facts to solve problems with bigger numbers	E.g. $4 \times 2 = 8$, so $4 \times 20 = 80$ $12 \div 3 = 4$, so $1200 \div 3 = 400$ $3 + 7 = 10$, so $300 + 700 = 1000...$	☆☆☆	Date:
I know the inverse for all of the 3 times table facts	$3 \div 3 = 1$ $6 \div 3 = 2$ $9 \div 3 = 3$ $12 \div 3 = 4$ $15 \div 3 = 5$ $18 \div 3 = 6$ $21 \div 3 = 7$ $24 \div 3 = 8$ $27 \div 3 = 9$ $30 \div 3 = 10$ $33 \div 3 = 11$ $36 \div 3 = 12$	☆☆☆	Date:
I know the inverse for all of the 4 times table facts	$4 \div 4 = 1$ $8 \div 4 = 2$ $12 \div 4 = 3$ $16 \div 4 = 4$ $20 \div 4 = 5$ $24 \div 4 = 6$ $28 \div 4 = 7$ $32 \div 4 = 8$ $36 \div 4 = 9$ $40 \div 4 = 10$ $44 \div 4 = 11$ $48 \div 4 = 12$	☆☆☆	Date:
I know the inverse for all of the 8 times table facts	$8 \div 8 = 1$ $16 \div 8 = 2$ $24 \div 8 = 3$ $32 \div 8 = 4$ $40 \div 8 = 5$ $48 \div 8 = 6$ $56 \div 8 = 7$ $64 \div 8 = 8$ $72 \div 8 = 9$ $80 \div 8 = 10$ $88 \div 8 = 11$ $96 \div 8 = 12$	☆☆☆	Date:

Notes for Parents/Carers

To help develop children's fluency in mathematics we ask them to learn Key Instant Recall Facts (KIRFs). The children should learn these facts so they can **instantly** recall the answers. This means without working out the answers, or calculating in any way. They will be tested weekly on whichever fact or facts they are working on.

When they instantly recall a fact correctly on 3 separate occasions it will mean they have instant recall and the target will be achieved.

Once all KIRFs in this stage have been achieved, your child will be given the next stage. It is expected that each stage will take a year to master.

Your child should practise learning these KIRFs at least 3 times a week. The secret to success is practising little and often, either by rote learning, pencil and paper work, or online games and activities.

The more familiar your child is with these facts, the easier they will find the maths we work on in school.

Thank you for your support.



KIRFs

Key Instant Recall Facts

Stage 3



Name: _____
Class _____

Date Started: _____