



Key Instant Recall Facts

Y6 - Autumn 2

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

Derive multiplication and division facts using decimal numbers

Helpful hints for parents

- 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 $6 \times 3 = 18$, so $0.6 \times 3 = 1.8$.
- 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 lots of groups of multiple of divided by shared
product divisible by factor square number

E.g.

$$8 \times 7 = 56; \quad 8 \times 0.7 = 5.6; \quad 0.8 \times 7 = 5.6;$$

$$56 \div 8 = 7; \quad 56 \div 7 = 8; \quad 5.6 \div 8 = 0.7; \quad 5.6 \div 7 = 0.8$$

A carpenter needs to cut a plank of wood that is 4.8 m long into 8 pieces. How long will each piece of wood be?

A piece of ribbon measure 5.6m in total. 8 cm are needed to make a bow. How many bows can we make?

A single paper clip is 9 cm long. What is the greatest number of paper clips that can be made from 6.3 metres of wire?

Ideas:

Play Fizz Buzz. To practice the 0.5 and 0.8 times tables together take it in turns to count in steps of 0.1. If a number is in the 0.5 x table say 'Fizz' instead of the number. Say 'Buzz' if it's in the 0.8's and 'Fizz Buzz' if it's in both.

Remove picture cards from a pack of cards. Pick a card and treat the number as tenths. State the multiplication and division fact that the child is working on.

e.g. Pick the '8' card

so $7 \times 0.8 = 5.6$ and 5.6 divided by 7 is 0.8

Try the online activities on the Conker Maths site for further practise with this KIRF!

www.conkermaths.org (follow the link to the Conker KIRFS)