



# 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](http://www.conkermaths.org) (follow the link to the Conker KIRFS)