



Key Instant Recall Facts

Y6 - Summer 1st

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!**

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

$$8 \times 7 = 56; 8 \times 0.7 = 5.6; 0.8 \times 7 = 5.6;$$
$$80 \times 7 = 560; 8 \times 70 = 560; 80 \times 70 = 5600$$

$$56 \div 8 = 7; 56 \div 7 = 8; 5.6 \div 8 = 0.7; 5.6 \div 7 = 0.8$$
$$560 \div 8 = 70; 560 \div 80 = 7; 5600 \div 70 = 80$$

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?

Jeff has saved up £7.20 over the last 8 weeks. If he saves the same amount each week, how much does he save each week?

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.

Pick a domino, add the number of dots together then multiply by a decimal number to 0.9. To extend, pick two dominoes: if each spot represents 0.1, what is the answer when I multiply them together?

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