STICKY KNOWLEDGE: YEAR 6 – Autumn 1

***I know the multiplication and division facts for all times tables up to 12 x 12.***

By the end of this half term, children should know the following facts. The aim is for them to be able to recall these facts **instantly**.

This is a chance for Year 6 children to consolidate their knowledge of multiplication and division facts and to increase their speed of recall. They should be able to answer these questions in any order, including missing number questions e.g.



Children who have already mastered their times tables should apply this knowledge to answer questions including decimals e.g.



**Key Vocabulary** What is 8 multiplied by 6? What is 7 times 4? What is 81 divided by 9?

What is the product of 5 and 7?

***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 do not need to practise them all at once; perhaps you could have a fact of the day.*

*Speed challenge – Take two packs of playing cards and remove the kings. Turn over two cards and ask your child to multiply the numbers together (Ace = 1, Jack = 11 and Queen = 12).*

*How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their highest score.*

*Online games – Activities on www.educationcity.com www.conkermaths.org www.timestables.co.uk and* [*www.timestables.me.uk*](http://www.timestables.me.uk)

*Use memory tricks – For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.*