



Goldsmith Golden Number Facts

Year 5 Autumn 1 Half Term Homework 2019

Each half term, we set maths homework to reinforce number skills that help the children to become more successful in their learning. We ask that parents use the information below to support their child in practicing these 3x weekly; parents can also find further support on the school website.

A key part of home practice is to work with your child to ensure they are secure in being able to read, write, order & compare numbers to at least 1 000 000 and determine the value of each digit. Learning to round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000.

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

All multiplication and division facts up to 12 x 12

Please see separate sheet

Key Questions

Examples:
What is 12 **multiplied by** 6?
What is 7 **times** 8?
What is 84 **divided by** 7?

They should be able to answer these questions in any order, including missing number questions

e.g. $7 \times \square = 56$ or $\square \div 9 = 8$

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these golden facts while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Look for patterns – These times tables are full of patterns for your child to find. How many can they spot?

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, Queen = 12). How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their high score.

Online games – Timestables Rockstarz is a great way to motivate, challenge and help children learn key facts in a fun way! Children have their log ins and passwords from school!

<https://ttrockstars.com/>

To further extend: Can you child count forwards or backwards in steps of powers of 10 for any given number up to 100, 000? Round any number up to 100 000 to the nearest 10, 100, 1000 and 10 000? Practice is key!