



# Maths Masterclass



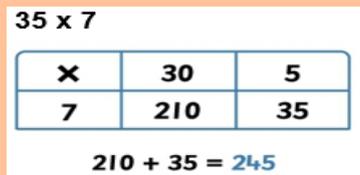
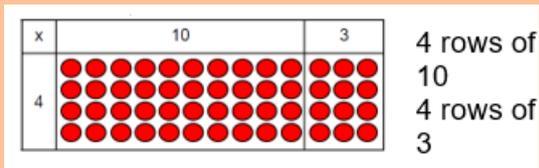
Year 3: Spring 2

Welcome back to another Maths Masterclass Newsletter. We hope you are enjoying our Maths Newsletters. We have included the key coverage and some strategies that we use for teaching maths in class, alongside some online resources and activities for your child to try at home. We hope this helps with supporting your child at home and celebrating their success.

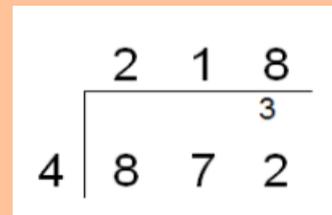
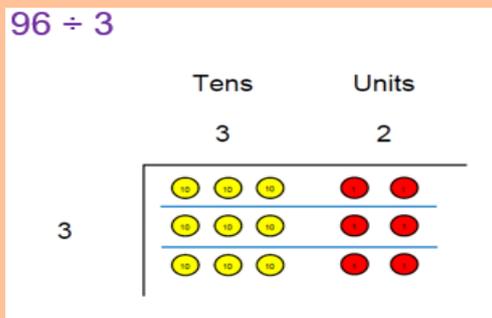
## Multiplication and Division

Throughout this half term, we will revisit previous knowledge of multiplication and division, we will then build on this knowledge to multiply and divide larger numbers using mental and formal written methods.

Some examples of how we will teach multiplication -



Some examples of how we will teach division -

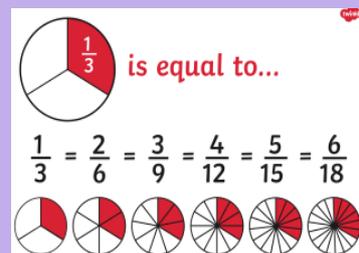


At home you could ask your child to explain the method that they have been learning in the classroom. Can they teach you how to do it? Any questions please ask your child's class teacher.

## Fractions

This half term, we will be recognising different fractions and then showing the equivalent fractions using diagrams.

At home try to relate everyday activities to fractions, such as - baking and telling the time.





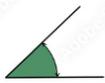
# Maths at Home



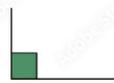
## Geometry

In geometry, we will be identifying angles greater or less than a right angle. We will also be identifying horizontal and vertical lines and pairs of perpendicular and parallel lines.

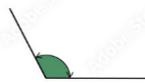
At home take photos of angles you find. Are they right angles? Obtuse angles? Acute angles?



**ACUTE ANGLE**  
less than  $90^\circ$



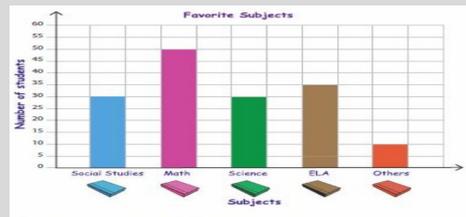
**RIGHT ANGLE**  
exact  $90^\circ$



**OBTUSE ANGLE**  
greater than  $90^\circ$   
less than  $180^\circ$

## Statistics

In statistics, we will be answering one step and two step questions about information presented in scaled bar charts, pictograms and tables.



At home you could collect data together and present it to show the class teacher. Favourite colours? Favourite food?

## Reasoning

You may have heard the teachers talking to you about developing your child's reasoning skills. This is when you are able to apply mathematical concepts in a range of ways and explain what they mean. Here is an example for you to discuss:

Which one of these is the 'odd one out'? Why?



Words to use - multiply, double, smaller, larger, add, subtract, multiple, half,

## Family challenge

### Explain

A pineapple is more expensive than a melon.

A pineapple is cheaper than a mango.

A melon is  than a mango.

Can you explain the answer to your class teacher?



Please try to spend 10-15 minutes practising times tables as often as possible to support fluency. Fast recall of times tables really helps children when they solve problems and do more complex maths!

Our next battle will be running from Friday 13th February—Friday 20th February

Having trouble logging on? Send us an email at [admin@hamble-pri.hants.sch.uk](mailto:admin@hamble-pri.hants.sch.uk)



**YEAR 3:**  
Winning class:



Koalas

Lots of brilliant progress with times tables across Year 3. Well done to all, keep it up!