



Welcome

Mathematics is the study of numbers, quantities, and shapes. It is the universal language and allows us to appreciate patterns in every aspect of life. The Maths Department at The King's School welcome you and cannot wait to help you develop your knowledge, love and understanding of this wonderful subject.

What will I study?

In your year 7 Maths Lessons you will be studying the following topics:

- The Number System
- 2D Geometry
- The Cartesian Plane
- Fractions
- Ratio & Proportion

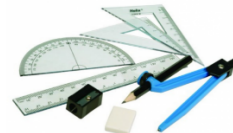
You will also be making connections between the units and, most importantly, understanding the 'why' within the individual topics not just the skill. This promotes deep understanding that will allow you to retain the knowledge for the 5 years you are with us.

Will I need any special equipment?

Please bring the following items to your Maths Lessons

Pen, Pencil, Ruler, Rubber, Sharpener

Calculator (preferably FX-85GTX) Compass & Protractor.



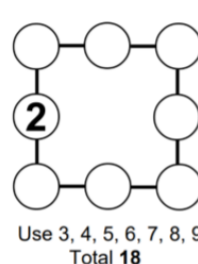
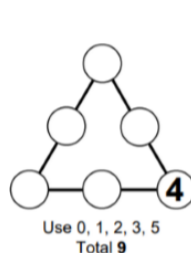
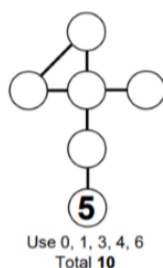
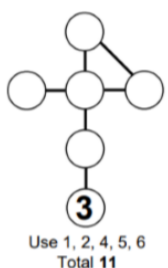
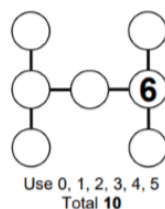
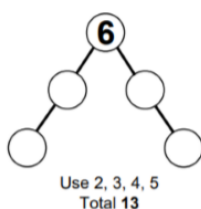
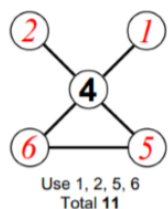
Activity for you to try

At The King's School, all our students use the excellent online learning tool Hegarty Maths. When you join us in September, we will set up your Hegarty Maths account and teach you how to use it.



We are delighted that the team behind Hegarty Maths have recently launched a free online programme called 'Secondary Ready' that you can access at home this Summer. Simply register at numerise.com/secondary-ready and complete the course. It is only twelve lessons and if you complete them all you will be super ready for your year 7 Maths lessons. Let us know if you finish it by creating screen shots of your work & scores. There will be prizes available for fully complete tasks!

An extra challenge: numbers must be placed in the empty circles. The numbers to be used are listed under each diagram and no number may be used twice. The aim is to place the numbers so that all those which lie along a straight line, as shown by the lines drawn, add up to the total which is also given under the diagram. The first one has been done for you. Good luck!



CHALLENGE!

