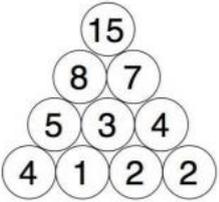




Autumn Term 2 - Year 5 Homework Assignments

You **must** choose 4 maths and 4 topic homework assignments to complete in your homework log book. Homework deadlines will be set up you class teacher. If you want to do extra – that’s great! You will receive 10 house points for every completed assignment. If you gain 100 points you will receive a homework certificate.

Maths Choose 4 to complete	Topic Choose 4 to complete
<p>Division</p> <p>Use the bus stop method to try these. If there are remainders, try to show them as a decimal: C1: Choose a 2 digit number above 50 and divide it by a 1 digit number above 3. C2: Choose a 3 digit number and divide it by a 1 digit number above 3. C3: Choose a 3 or 4 digit number and divide it by a 2 digit number.</p>	<p>Kings and Queens</p> <p>Find out about one King and one Queen of England. Find a creative way to present the information including writing, pictures, photos etc.</p>
<p>Angles in polygons</p> <p>Draw 4 irregular polygons with a ruler and then use a protractor to accurately measure and label all of the angles inside the shape. What is the total of the angles inside each shape?</p>	<p>London Art</p> <p>J M W Turner is a famous artist who lived in London. Find out about the type of artwork he produced and the style he used. Then try to re-create one of his pieces or art</p>
<p>Adding fractions</p> <p>Choose 4 different single digit numbers between 1 and 9 and create 2 fractions. E.g. 1,2,3,4 could be used to make $\frac{1}{2}$ and $\frac{3}{4}$ Find the common denominator and then add the fractions together. You can extend your self by using a 2 digit number as your denominator. Do at least 5 different additions.</p>	<p>The West End!</p> <p>What performances are being show in The West End of London at the moment? Create a new poster to advertise one of the shows. This carefully about what information will be needed.</p>

<p>Percentages</p> <p>Can you convert these fractions onto percentages? $40/50$, $5/25$, $19/20$, $76/112$, $678/1000$, $79/10000$</p> <p>Think about which ones you could work out in your head and which ones might need a calculator. Write out the calculations you need to do for each one.</p>	<p>Royal Family Tree</p> <p>Create a family tree for Queen Elizabeth II</p>
<p>Number pyramids</p> <p>The number above equals the sum of the two numbers below. How many different pyramids can you create where the top number equals 15?</p> 	<p>Write a postcard</p> <p>Imagine that you took a short break to our capital city. Write a postcard describing some of the landmarks you saw and what things you did while you were there.</p>
<p>Algebra</p> <p>Can you identify what a, b and c could equal in each of these equations? $(a \times b) + c = 27$ $(15 - a) + (20 + b + c) = 58$ $(a - b) \times c = 35$ $a + b + c = -9$ $(5 \times a) + (b \times c) = 66$ $(a + b + c) - 101 = 19$</p>	<p>The Great Fire of London</p> <p>Sir Christopher Wren, Samuel Pepys, King Charles II, James, Duke of York, John Evelyn and Thomas Farriner are all people associated with The Great Fire of London in 1666. Carry out some research about the Great Fire of London and write a little bit of information about each of them.</p>
<p>Time Conversions</p> <p>Can you convert these times in seconds to minutes? 966 seconds, 420 seconds, 6000 seconds, 6666 seconds, 7260 seconds, 666642 seconds</p>	<p>Write a job advert for a Highwayman.</p> <ul style="list-style-type: none"> • What qualities would he need to have? • What are the details of the job? • What will the rewards be?
<p>Capacity</p> <p>Find 5 liquid containers at home. Estimate their capacity and then check the labels to see how close you are. Make a record of your estimates and actual measurements.</p>	<p>Research a famous sports ground in London and its history. E.g. Wimbledon, The Oval</p>
<p>Angles</p> <p>Can you find 5 objects at home which have right angles, 3 objects with obtuse angles and 3 objects with acute angles. Draw your objects labelling the angles and estimating their size.</p>	<p>Make a model of a London landmark</p>
<p>Angle Art</p>	<p>Design a new London landmark. What is it</p>

Create a piece of art called 'Angles' – be as imaginative as you want!

commemorating?