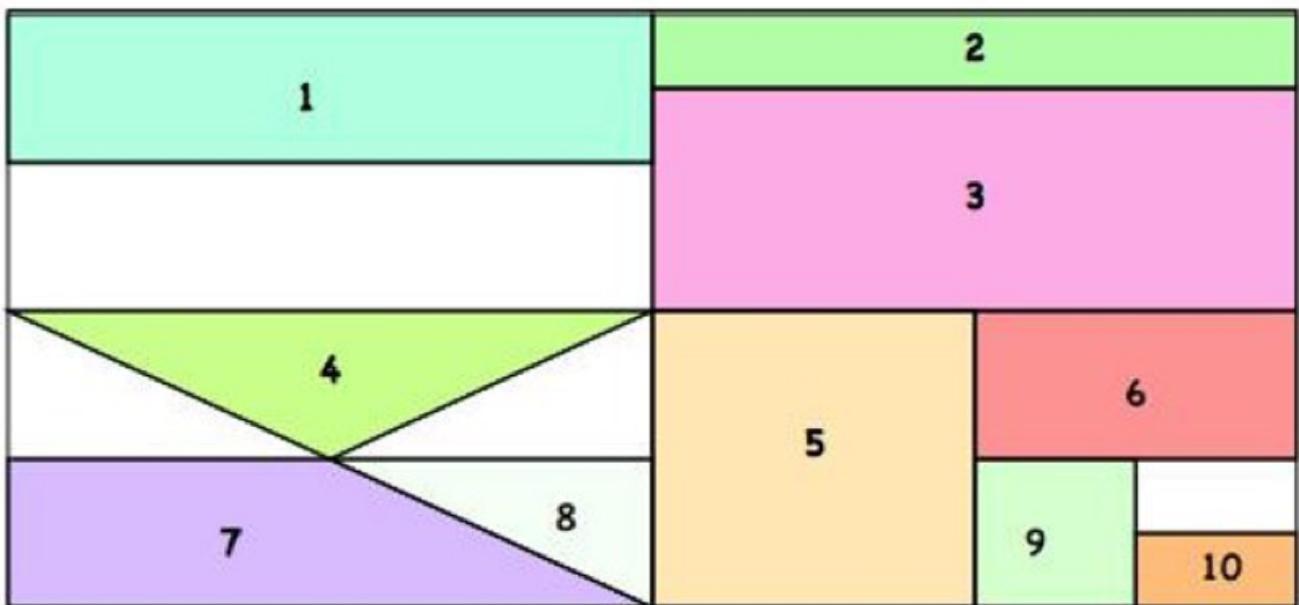


MATHEMATICS

TOP TEN

- Maths on holiday! Did you know you use maths on holiday? Even when you are looking to spend time in the sun Maths is everywhere. Booking a holiday is all about maths, for example currency exchange, suitcase weight, best flight time and price. Create a poster showing how you use maths on holiday.
- The Four 4's Challenge! How many numbers from 1 to 20 can you make using exactly four 4's (and no other numbers!)? You can use any mathematical operations: +, -, ×, ÷ and also powers and square roots. Eg. $1 = 44 \div 44$ $3 = (4 + 4 + 4) \div 4$ And so on...
- Rectangle Tangle



The large rectangle above is divided into a series of smaller quadrilaterals and triangles. Each of the shapes is a fractional part of the large rectangle.

Can you untangle what fractional part is represented by each of the ten numbered shapes?

- “Corbett 5-a-day”! Can you answer 5 maths questions a day throughout the summer holiday? Follow the link and choose from levels bronze, silver, gold and platinum, but pick a level that will challenge you. <https://corbettmaths.com/5-a-day/primary/>

- “Maths All Around Us – Supermarkets! Find the cost of, say, different-sized cans of baked beans and record their weight. Which is the best value? Give reasons. Try the same with cereals, soap powders, shampoo, bottles of squash etc. For example, is a 2-litre bottle of squash cheaper than two 1-litre bottles? Is it double the price? Or compare the cost of a 1kg packet of soap powder with a 500g packet. Is it half as cheap? Which is the best value?
- WORDLESS! Remember important maths words from their shape and movement. Use the link below and design some WORDLES of your own to display in your new maths classroom at Laurus Ryecroft. <http://www.transum.org/Maths/Display/>
- 1 to 9: Arrange the numbers from 1 to 9 in the grid below so that they obey the row and column headings:

✓	Odd	Even	Multiple of three
Prime			
Square			
Factor of 168			

- Convince me! Convince me why maths is important in our everyday lives. Think of a creative way of displaying your ideas.
- Bank Accounts Research How does the money we invest in banks grow? Investigate. If I invested £2500 in a bank which paid 2% interest, how much money would I have in the bank after: (a) 1 year; (b) 5 years; (c) 25 years? Ensure you can show your methods clearly.
- Using the internet or cookbooks at home, find a recipe that serves 4 people. How would you adapt the recipe to serve: (a) 8 people (b) 6 people (c) 10 people? Show your workings for each and present it as a poster.