

## September Maths Masters (B)

<b>Welcome back!!</b>	1 What time is 20:55 in words? Can you draw it on a clock face?	2 What is 2022 in Roman Numerals?	3 What is 589,427 rounded to the nearest 10? 100? 1000? 10000?	4 Partition 497 in 6 different ways.	5 Which number is larger: 7598 or 7589? Describe how you know.	6 What are the properties of a cuboid? Can you draw one?
7 What's missing in this sequence: 16, 14, 11, 7, ____. How do you know?	8 How many ml in 6.07 litres? How do you know?	9 What is $5 \times 12$ ? What other calculations give you the same answer?	10 If $7p = 210$ what is the value of $p$ ? What is the value of $6p$ ?	11 What is $(5 \times 7) - (6 \times 5)$ ?	12 Calculate $6 \times 21$ . Can you work it out 3 different ways?	13 How many fifths are the same as 6? Can you draw it?
14 If $y = 0.7$ , what is the value of $z$ in ' $12y = z$ '?	15 Is 15.2kg the same as 1520g? How do you know?	16 If you have 5 coins, what different totals can you have? Share at least 7.	17 What is the value of each of the digits in 68,593?	18 Which fraction is smaller: $\frac{2}{7}$ or $\frac{5}{21}$ ? How do you know?	19 Find the total of 498, 507 and 304? Estimate the answer then calculate it.	20 List all the prime numbers between 20 and 50.
21 Two thirds of a number is 44, what was the number? How did you work it out?	22 Jake says, "4.7 + 3 is 5." Do you agree? Why?	23 What is the product of 3, 5 and 7? What does product mean?	24 What is $6.7 \times 100$ ? How did you find the answer?	25 Can you draw a regular and an irregular pentagon?	26 What is the total of 5984, 312 and 679?	27 What is $19 \times 11$ ? Can you work it out 2 different ways?
28 Put these numbers in ascending order: 10,458    10,584 10,485    10,548 10,854    10,448	29 What is the difference between 19,485 and 16,350?	30 <b>TRICKY QUESTION:</b> How many hours did you spend in school in September?	<p><small>www.alittlebutalot.com</small></p> <p><b>Have a go at each of the questions for every day in September. Can you draw your working out? Can you show it using a written method? Can you talk to someone about how you worked out your answers?</b></p>			