MAY MATHS MASTERS

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				1 If x + 4 = 13 + 37, what is the value of x?	2 Is 1.5 x 100 the same as 15 x 100?	3 What is 142, 533 rounded to the nearest 1000?
4 What number is represented here: MMCCDXI?	5 Thomas says, "If y-12=6, then y must be 6" Is he right? How do you know?	6 (4 x 3) – 4 = 9. Is this right? Why?	7 What is 15, 356 rounded to the nearest 100?	8 How many degrees in a right angle?	9 What is 4.2 – 1.9? How did you work it out?	10 What is double 167? Can you work it out 2 ways?
11 Half of a number is 117, what was the number?	12 Which number is bigger, 132331 or 132313? Describe how you know.	13 Calculate 3 x 18 + 4.	14 What do you call an 8-sided shape? What are the properties of that shape?	15 If y = 12, what is the value of x in 'y + 52 = x'?	16 What is the biggest number you can make with 4 2 8 1 5?	17 How many cm in 1.52m? How do you know?
18 How many ml in 6.74l?	19 What is the next number in this sequence: 1, 4, 9, 16, __? How do you know?	20 What is 10,000 – 5312?	21 What time is 18:35 in words? In 12 hour time?	22 What is XXIII + DIV? Show your answer in words and Roman Numerals.	23 How many lines of symmetry does a regular pentagon have?	24 What is 2.8 + 3.17 + 7.01?
25 Which fraction is bigger: 4/7 or 19/21? How do you know?	26 What are the properties of a cube? Can you draw one?	27 What is a quarter plus a fifth?	28 What is four and three quarters plus four fifths?	29 List all the prime numbers less than 50.	30 What is 9.6 + 1.7 – 4.3?	31 TRICKY QUESTION: How many minutes in a year?