

MAY MATHS MASTERS

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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 $(4 \times 3) - 4 = 9$. 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 $3 \times 18 + 4$.	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: $\frac{4}{7}$ or $\frac{19}{21}$? 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?