

# MAY MATHS MASTERS

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