

September Maths Masters

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<p>Welcome back!!</p>	<p>1 Which fraction is smaller: $\frac{1}{3}$ or $\frac{9}{12}$? How do you know?</p>	<p>2 If $2p = 150$ what is the value of p? What is the value of $10p$?</p>	<p>3 Partition 654 in 3 different ways.</p>	<p>4 What is 543,847 rounded to the nearest 1000?</p>	<p>5 Which number is larger: 1387 or 1378? Describe how you know.</p>	<p>6 What is 8×30? What other calculations give you the same answer?</p>
<p>7 What's missing in this sequence: 10, 7, 4, 1, _____. How do you know?</p>	<p>8 What is the product of 1, 50 and 0? What does product mean?</p>	<p>9 What are the properties of a cube? Can you draw one?</p>	<p>10 What is 2021 in Roman Numerals?</p>	<p>11 What is the total of 3649, 485 and 974?</p>	<p>12 Calculate 5×18. Can you work it out 2 different ways?</p>	<p>13 What is 3.4×10? How did you find the answer?</p>
<p>14 What is the difference between 10589 and 3489</p>	<p>15 Is 6.3kg the same as 6300g? How do you know?</p>	<p>16 Put these numbers in ascending order: 3498, 8934, 4398, 4983.</p>	<p>17 What is the value of each of the digits in 19.587?</p>	<p>18 What time is 16:40 in words? Can you draw it on a clock face?</p>	<p>19 Find the total of 648, 639 and 403? Estimate the answer then calculate it.</p>	<p>20 List all the prime numbers less than 50.</p>
<p>21 Two thirds of a number is 66, what was the number? How did you work it out?</p>	<p>22 Jake says, "A cube is the only shape with 6 faces." Do you agree? Why?</p>	<p>23 How many ml in 3.1 litres?</p>	<p>24 How many fifths are the same as 2? How did you work it out?</p>	<p>25 Can you draw a regular and an irregular hexagon?</p>	<p>26 What is $(4 \times 12) - (4 \times 10)$?</p>	<p>27 What is 16×12? Can you work it out 2 different ways?</p>
<p>28 If you have 4 coins, what different totals can you have?</p>	<p>29 If $y = 0.5$, what is the value of z in '$11y = z$'?</p>	<p>30 TRICKY QUESTION: How many days since the beginning of the year?</p>	<p>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?</p>			