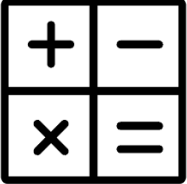


December Maths Masters

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	<p>1 What are the multiples of 4? What do you notice?</p>	<p>2 What is half of 90? Can you work this out in two different ways?</p>	<p>3 What is the total of 165, 195, 605, 487? Estimate first then calculate.</p>	<p>4 What is three quarters of 100? Can you draw it to help?</p>	<p>5 What is a factor? What are the factors of 24?</p>	<p>6 What is the perimeter of a rectangle that measures 3m by 9m?</p>
<p>7 What is double 352? Can you work it out in 2 ways?</p>	<p>8 What is today's date in Roman Numerals?</p>	<p>9 What is 1068 rounded to the nearest 10? Nearest 100?</p>	<p>10 List all the multiples of 7 between 30 and 80.</p>	<p>11 How many ways can you make £1.98?</p>	<p>12 What is 189+37? What other sums can you write which give the same answer?</p>	<p>13 What is 97 – 38? How did you work it out?</p>
<p>14 Can you draw a cube and describe its properties using mathematical vocabulary?</p>	<p>15 What's smaller: 789 or 798? How do you know?</p>	<p>16 Trevor says, "£3.97 is the same as 3097p." Do you agree? Why? Why not?</p>	<p>17 What day of the week will it be in 15 days time?</p>	<p>18 If I have £10 and I spent £3.19, then £6.17. How much did I spend? How much change should I get?</p>	<p>19 Two thirds of a number is 26, what was the original number?</p>	<p>20 Calculate 5 x 12. Write other calculations with the same product.</p>
<p>21 Which number is bigger: 0.78 or 0.87? How do you know?</p>	<p>22 What is the difference between 397 and 105?</p>	<p>23 What's lighter – 3.2kg or 320g? How do you know?</p>	<p>24 Draw a number line from 0-1 and put these numbers on: 0.5, 0.3, 0.45, 0.98.</p>	<p>25 What number is missing in the sequence? How do you know? 7, 14, 21, ____, 35</p>	<p>26 How many hours are there until the end of the year?</p>	<p>27 Is 93 a multiple of 3? How do you know?</p>
<p>28 Can you draw ten past 5 on a clock face?</p>	<p>29 What is 37 divided by 5? Do you get a whole number? Why? Why not?</p>	<p>30 Describe how to find the missing number in this calculation: $\square \times 6 = 120$</p>	<p>31 TRICKY QUESTION: How many days have you been in school since September?</p>	<p>Have a go at each of the questions for December. 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>		