February Maths Masters

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Have a go at each of the questions for February. 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?						
1 What is half of 350? Can you work it out in 2 ways?	**2** What are the multiples of 6? What do you notice?	**3** What is 875 rounded to the nearest 10? Nearest 100?	**4** Can you write a rule for all of the multiples of 9?	**5** What is two fifths of 60? Can you use a bar model to help?	**6** What is today's date in Roman Numerals?	**7** What is the total of 402, 68, 239 and 111? Estimate then calculate.
8 What does the word product mean? What is the product of 6 and 7?	**9** What is 196 + 18? Can you find 3 other pairs of numbers with the same total?	**10** Describe how to find the missing number in this calculation: $\square \times 10 = 250$	**11** List all the multiples of 7 between 30 and 90.	**12** Two thirds of a number is 20. What was the number? How do you know?	**13** Can you draw 3 different hexagons? What is a hexagon?	**14** Calculate 5 x 12. Write 5 other calculations which give you the same answer.
15 Write these numbers on a 0-2 number line: 1.2, 1.9, 0.5, 0.25, 1.35 and 1.87.	**16** What is the difference between 1507 and 350?	**17** Partition the number 157 at least 5 different ways.	**18** What is 98 divided by 6? Do you get a whole number? Why? Why not?	**19** What number is missing in the sequence? How do you know? 3, 6, 12, ___, 48.	**20** What's the missing number in this calculation? $608 + \square = 1000$	**21** Trevor says, "15 x 6 is 630". Do you agree? Why? Why not? What did he do wrong?
22 Multiply these numbers by 10: 14 1.8 67 18	**23** I got back from the shops at 3:25pm. I was at the shops for 75 minutes. What time did I get to the shops?	**24** Two pieces of ribbon measure 84cm and 73 cm. How much ribbon do I have altogether in cm?	**25** If I have £10. I spent £0.90, then £5.87. How much did I spend? How much change should I get?	**26** A full jug can hold 1/4 of a litre and a bucket can hold 2 litres. How many jugs do I need to fill the bucket?	**27** What number is half way between 60 and 71? How did you work it out?	**28** **TRICKY QUESTION:** Jack's toy weighed triple Lee's. Lee's weighed 315g. How heavy was Jack's?