March Maths Masters

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1 Write 3 pairs of fractions which total 1/3.	2 What is the sum of 3.01, 4.8, 5.06 and 12.3?	3 What is the difference between 15.06 and 3.9?	4 Write 5 pairs of numbers with a difference of 10.2	5 Can two 3D shapes have the same volume? Draw them!	6 Can you draw and name the different kinds of triangle?	7 How do you find 80% of a number? Can you think of two methods?
8 What do the following numbers have in common: 16, 25, 81, 169?	9 Can you name and draw different kinds of angles?	10 Round these to the nearest whole number: 9.15 4.89 10.5 13.84	11 What's bigger 2/10, 1/5 or 4/15? How do you know?	12 What is the product of 3/5 and 5? Can you draw your working out?	13 Divide these numbers by 19: 665 1596 6669	14 376 x 4 = 1504. Describe how this helps you work out 376 x 8.
15 Write these decimals in words and as fractions: 0.6 0.25 0.75 0.05 0.1 0.125	16 What is 25% of these numbers: 400 68 24 120 6 3.2	17 How do you find the area of a triangle? Can you draw 3 triangles with areas of 24cm²?	18 If I left home at 3:15pm and walked for 95 mins, what time (in 24 hours) did I get home?	19 Write different values to make this true. Think of at least 3! $b + c = 6.5$	20 Draw the net of a cuboid. Describe its properties using mathematical vocabulary.	21 Explain how to convert between 12 and 24-hour time. Can you draw a diagram to help?
22 What is the odd number out and why: 12, 48, 60, 6?	23 What is 125 x 5? What about 125 x 10? 125 x 20? How did you work them out?	24 What are the multiples of 60? Can you list them all?	25 Write 4 equivalent fractions to 2/9.	26 What are the properties of quadrilaterals? Can you draw 3 examples?	27 Partition the following numbers in 3 different ways: 156.5 68.7 39.1 53.9	28 Find the product of these pairs: 168 and 19 235 and 24 198 and 12
29 Five children have £2.50 each. They each have a different amount of coins. What coins could each child have?	30 What is the sum of 1/9 and 3/7? How do you know?	31 TRICKY QUESTION: How many minutes do you spend in school on average every year?	Have a go at each of the questions for March. 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?			