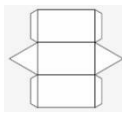



# October Maths Masters

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Have a go at each of the questions for every day in October. 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 the total of 64, 59, 30 and 15?	2 How many ways can you make £1.23?	3 How many faces does a cube have? Can you accurately draw one?	4 What is $69 + 19$ ? What other sums can you write which give the same answer?
5 What is two thirds of 90? Can you draw it to help?	6 What is double 35? So what is double 350?	7 What is 659 rounded to the nearest 10? Nearest 100?	8 List all the multiples of 8 between 50 and 100.	9 Describe how to find the missing number in this calculation: $\square + 105 = 150$ .	10 What do you call an 8-sided shape? Can you draw two different examples?	11 What is $6.5 - 3.2$ ? How did you work it out?
12 How many months have 31 days? Which months are there?	13 What are the multiples of 9? What do you notice?	14 What is today's date in Roman Numerals?	15 What day of the week was it 13 days ago?	16 What's bigger: two thirds or three fifths? How do you know? Can you draw it?	17 One quarter of a number is 14, what was the original number?	18 What is the name of this shape? 
19 Write these numbers in words: 10, 045 8, 957	20 What is the perimeter of a rectangle that measures 3m by 9m?	21 What's longer – 3km or 3000m? How do you know?	22 Calculate $5 \times 12$ . Write other calculations with the same product.	23 What number is missing in the sequence? How do you know? 3, 2.5, 2, ____, 1.	24 If I have £10 and I spent £6.50. How much change do I have? What coins could I have?	25 If a multiplied by 5 is 45, what is the value of a? How do you know?
26 What time in words does this clock say? 	27 What is half of 90? How does this help find half of 900?	28 Is $6 \times 3$ the same as $9 \times 2$ ? How do you know?	29 Put these numbers in descending order: 354, 453, 345, 543, 553.	30 What is the difference between 5064 and 430?	31 <b>TRICKY QUESTION:</b> How many hours a week do you sleep? How many minutes?	