October Maths Masters (A)

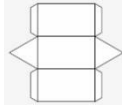|				
Have a go at each of the questions for every day in October. Can you draw your working out? Can you show it using a written method? Can you talk to someone about how you worked out your answers? www.alittlebutalot.com	**1** What is the total of 64, 59, 30 and 15?	**2** How many ways can you make £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 x 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 x 3 the same as 9 x 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** **TRICKY QUESTION:** How many hours a week do you sleep? How many minutes?	