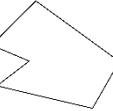


October Maths Masters (B)

<p>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?</p> <p style="text-align: center;">www.alittlebutalot.com</p>			<p>1 What is the name of this shape?</p> 	<p>2 How many ways can you make £3.17?</p>	<p>3 If I have £10 and I spent £4.50. What coins/notes could I have change?</p>	<p>4 What do you call a 10-sided shape? Can you draw two different examples?</p>
5 What is half of 70? How does this help find half of 700?	6 Calculate 3×12 . Write other calculations with the same product.	7 What are the multiples of 6? What do you notice?	8 List all the multiples of 9 between 54 and 100.	9 What time in words does this clock say? 	10 What is $16+17$? What other sums can you write which give the same answer?	11 What is $3.7+1.9$? How did you work it out?
12 How many months have 30 days? Which months are there?	13 What is 349 rounded to the nearest 10? Nearest 100?	14 What is today's date in Roman Numerals?	15 What is the difference between 498 and 197?	16 One third of a number is 16, what was the original number?	17 What's bigger: a quarter or two thirds? How do you know? Can you draw it?	18 What is the total of 46, 15, 19 and 11?
19 Write these numbers in words: 349 198 249	20 Is 5×4 the same as 10×2 ? How do you know?	21 What's longer – 3cm or 3mm? How do you know?	22 What is double 47? So, what is double 470?	23 What number is missing in the sequence? How do you know? 1.1, 1.3, 1.5, _____	24 How many faces does a cuboid have? Can you accurately draw one?	25 Put these numbers in descending order: 257, 725, 752, 527, 572 275.
26 Describe how to find the missing number in this calculation: $\square - 28 = 150$.	27 What is two thirds of 30? Can you draw it to help?	28 What is the perimeter of a rectangle that measures 2m by 11m?	29 If p multiplied by 3 is 33, what is the value of p? How do you know?	30 What day of the week was it 15 days ago?	31 TRICKY QUESTION: How many hours a week do you spend in school? How many minutes?	