Day 62	C Tier 10-a-day
1 A recipe for a sponge cake for 4 people uses 250 g of rice. Work out how much rice is needed for 12 people.	
2 Work out the value of 9b when b = 5.	
3 Each angle of a triangle is 60°. What type of triangle is it?	
4 Write these numbers in order, starting with the smallest. 0.31, 0.25, 0.4, 0.3	
5 Which is the best estimate for the height of a classroom door? 2 m 2 cm 20 m 2 km	

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6 Here are the first four terms of a sequence. 5, 1, 6, 7 Each term is found by adding the two terms before it. Write down the next two terms.	
7 Write these fractions in order, starting with the smallest. $\frac{4}{5}, \frac{1}{5}, \frac{3}{5}$	
8 The probability that a bus is late is $\frac{3}{10}$. There are 20 buses in a week. How many buses would you expect to be late?	
9 Priya has x stickers. A friend gives Priya 15 more stickers. Priya now has 31 stickers. (a) Write down an equation using x. (b) Solve your equation to find how many stickers Priya had at the start.	
10 A rectangular poster has an area of 117 m^2. Its width is 9 m. Work out the perimeter of the poster.	