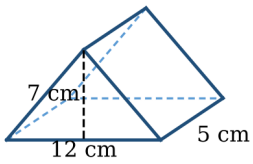
Day 205	B Tier 10-a-day
1 5 tickets cost £1.25. Work out the cost of 4 tickets.	
2 Write down (a) the square root of 9 (b) the cube root of 125	
3 AB is a straight fence 16 m long. A path is always exactly 4 m from the fence AB, on both sides, and also goes round each end. Describe the shape of the path.	
4 The first term of a sequence is 4. The term-to-term rule is: double the term, then add 4. Work out the 5th term.	
5 Work out (a) $\frac{1}{10} \times \frac{1}{8}$ (b) $\frac{2}{5} \div \frac{1}{3}$ Give each answer in its simplest form.	

Day 205	B Tier 10-a-day
6 A car uses 40 litres of petrol to travel 640 km. Work out how many kilometres it travels on each litre of petrol.	
7 Here is a prism. Its cross-section is an isosceles triangle. Find the volume of this prism. The diagram is not drawn accurately. 	
8 A bag contains 3 red counters and 2 blue counters. Ravi takes one at random and does not replace it, then takes a second. Work out the probability that both are red.	
9 x is an integer. Write down the greatest value of x for which $x < 2.8$	
10 Beth is paid £15.50 per hour for a 37 hour week. (Calculator) Overtime is paid at time and a half. In one week she works 4 hours of overtime. Work out her total pay for that week.	