Day 313	B Tier 10-a-day
1 Write 33.5542 (a) correct to 2 decimal places, (b) correct to 3 significant figures.	
2 A rectangle is 12 cm long and 2 cm wide. It is enlarged by scale factor 1.5. (a) Write down the length and width of the enlarged rectangle. (b) Work out the perimeter of the enlarged rectangle.	
3 Priya has $\frac{1}{8}$ of £88. Nina has 30% of £60. Who has more money? You must show your working.	
4 Solve $6(2x + 4) = 60$	
5 Work out (a) 45% of £120 (b) 40% of 40	

Day 313	B Tier 10-a-day
6 30 viewers were asked. 20 of them watch drama and 13 of them watch comedy. 6 of them did both. (a) How many did neither? (b) One is chosen at random. Find the probability that they watch drama but do not watch comedy.	
7 Solve $x^2 + 12x + 32 = 0$	
8 £5,000 is invested for 2 years at 3% compound interest per year. (Calculator) Work out the total interest earned.	
9 The circumference of a circle is 28π cm. Work out the radius of the circle.	
10 The cumulative frequency graph shows the times taken by 40 students to complete a puzzle. (a) Use the graph to estimate the median. (b) Work out an estimate for the interquartile range. 	