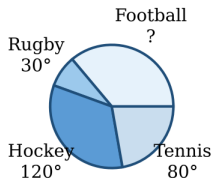
Day 201	B Tier 10-a-day
1 Write down the number of faces and vertices of a cuboid.	
2 The probability that a bus is late is $\frac{13}{20}$. Work out the probability that a bus is not late.	
3 Work out (a) 20% of £180 (b) 40% of 640	
4 The pie chart shows the favourite choices of 72 people. The angle for Football is not shown. Work out how many people chose Football. 	
5 A point P is always exactly 6 m from a sprinkler, L. Describe the locus of the point P.	

Day 201	B Tier 10-a-day
6 Make n the subject of the formula $C = \frac{n + 12}{4}$	
7 Will is paid £13 per hour for a 37 hour week. (Calculator) Overtime is paid at time and a half. In one week he works 8 hours of overtime. Work out his total pay for that week.	
8 Solve the simultaneous equations $x + 4y = 7$ $2x + 4y = 6$	
9 The length of a rectangle is 11 cm and its width is 9 cm. Both measurements are correct to the nearest cm. Work out the upper bound for the perimeter of the rectangle.	
10 A cafe sells cakes and drinks. All cakes cost the same and all drinks cost the same. 3 cakes and 2 drinks cost £20. 4 cakes and 2 drinks cost £24. Work out the cost of one cake and the cost of one drink.	