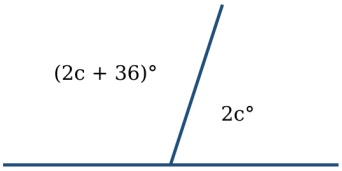
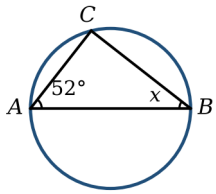
Day 240	B Tier 10-a-day
1 Here is a formula. P = 2l + 2w Work out the value of P when l = 5 and w = 4	
2 The diagram shows 2 angles on a straight line. Work out the value of c. The diagram is not drawn accurately.  	
3 £1 = 1.4 dollars (a) Change £80 into dollars. (b) Change $210 into pounds.	
4 The exchange rate is £1 = $1.3. (Calculator) (a) Change £60 to dollars. (b) Change $208 to pounds (£).	
5 A gym charges a joining fee of £15 and £6 for each month of membership. (a) Work out the total cost for 9 months. (b) The total cost is £51. Work out the number of months.	

Day 240	B Tier 10-a-day
6 A, B and C are points on a circle. AB is a diameter of the circle. Angle CAB = 52°. Work out the size of angle x. Give a reason for each step of your working. The diagram is not drawn accurately.  	
7 In a room, the ratio of red counters to blue counters is 5 : 9. There are 63 blue counters. More red counters join so that there are equal numbers of red counters and blue counters. How many red counters join?	
8 The circumference of a circle is 22π m. Work out the radius of the circle.	
9 Write these numbers in order of size. Start with the smallest number. 2.6, 2.58, 2.66, 2.644	
10 The length of a rectangle is 10 cm and its width is 11 cm. Both measurements are correct to the nearest cm. Work out the upper bound for the perimeter of the rectangle.	