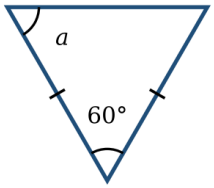
Day 272	C Tier 10-a-day
1 Work out the value of 20 − a when a = 2.	
2 Work out 873 − 426.	
3 Here are the times, in minutes, of some bus journeys. 22 11 8 12 13 7 10 12 Work out the range.	
4 The point A has coordinates (1, 2). A is moved 2 right and 6 up. Write down the coordinates of the new point.	
5 The cost, C pounds, of n tickets is given by the formula C = 5n. (a) Work out the value of C when n = 8. (b) Work out the value of n when C = 30.	

Day 272	C Tier 10-a-day
6 The diagram shows an isosceles triangle. Work out the size of angle a. The diagram is not drawn accurately.  	
7 Leah and Tom share £36 in the ratio 1 : 5. Work out how much each person gets.	
8 Work out 2^3.	
9 The nth term of a sequence is 3n + 2. Write down the first three terms of the sequence.	
10 A rectangular poster has an area of 112 cm^2. Its width is 8 cm. Work out the perimeter of the poster.	