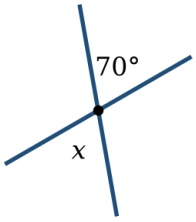
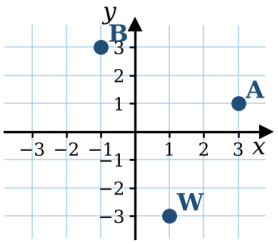
Day 280	C Tier 10-a-day
1 Work out the value of b − 9 when b = 13.	
2 The point P has coordinates (−6, 6). P is reflected in the x-axis. Write down the coordinates of the image of P.	
3 The temperature is −6°C. It rises by 12°C. What is the new temperature?	
4 Here are the first four terms of a sequence. 6, 14, 22, 30 Is 86 a term in this sequence? You must show your working.	
5 The diagram shows two straight lines crossing. Work out the size of angle x. The diagram is not drawn accurately. 	

Day 280	C Tier 10-a-day
6 £1 = $1.25 Change £20 into US dollars.	
7 (a) Write down the coordinates of point A. (b) Which point has coordinates (−1, 3)?  	
8 Estimate the value of 32 + 47 by rounding each number to the nearest 10.	
9 A rectangular field is 10 m long and 10 m wide. Fencing costs £6 per metre. Work out the cost of putting fence all the way round the field.	
10 A bag contains 3 blue sweets, 3 black sweets and 8 red sweets. One is taken at random. Write down the probability that it is not red.	