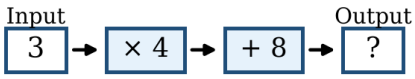
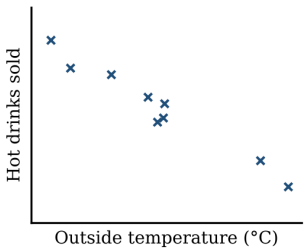
Day 170	C Tier 10-a-day
1 A cyclist is facing east. A cyclist turns 90° clockwise. Which direction is the cyclist facing now?	
2 Here is a list of numbers. 34, 55, 67, 45, 32 Write down the multiple of 8.	
3 Here is a function machine. Work out the output when the input is 3. 	
4 A lesson starts at 11:10 am. It lasts 30 minutes. At what time does the lesson end?	
5 Here is a scatter graph of hot drinks sold against outside temperature. Describe the correlation. 	

Day 170	C Tier 10-a-day
6 A triangle has sides of length 3 cm, 4 cm and 5 cm. It is enlarged by scale factor 3. Write down the lengths of the sides of the enlarged triangle.	
7 d = 3 and x = 2 Work out the value of (a) dx (b) d + x	
8 A biased dice is rolled 25 times. It lands on a six 7 times. Estimate the probability that it lands on a six next time. Give your answer as a fraction in its simplest form.	
9 There are x children in a club. 3 children leave. There are now 3 children in the club. (a) Write down an equation using x. (b) Solve your equation to find how many children were in the club at first.	
10 Each van holds 20 people. 57 people need a lift. How many vans are needed?	