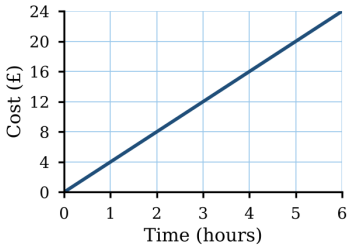
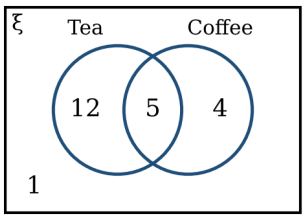
Day 335	C Tier 10-a-day
1 Here are the shoe sizes of some students. 5 6 8 5 8 4 5 9 5 8 Write down the mode.	
2 The point P has coordinates $(2, -6)$. P is reflected in the x-axis. Write down the coordinates of the image of P.	
3 A fair 12-sided dice numbered 1 to 12 is rolled. Write down the probability of rolling (a) a 7 (b) a 11	
4 Work out the value of $y^2 + 6$ when $y = 2$.	
5 Write 8:35 pm using the 24-hour clock.	

Day 335 **C Tier 10-a-day**

6 The graph shows the cost of hiring a bike.
(a) Work out the cost of hiring the bike for 2 hours.
(b) Leah pays £20 to hire the bike. For how many hours does Leah hire it?



7 Some students were asked whether they like tea or coffee.
The Venn diagram shows the results.
How many students were asked altogether?



8 Work out $9.9 - 7.3$.

9 The point A has coordinates $(-1, 6)$.
A is moved 6 right and 3 up.
Write down the coordinates of the new point.

10 Work out $9 \times 5 + 3$.