

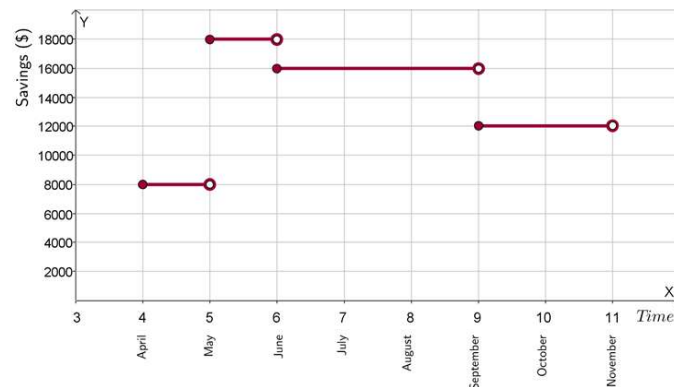
Activity 6

Question 1

Bernie has a savings account which she can use to lodge to or withdraw money. The table below shows the activity in the account over a 7 month period:

Time	Savings(€)
April	8000
May	18000
June	16000
July	16000
August	16000
September	12000
October	12000

Calculate the average amount of money in Bernie's account over the seven-month period.



Question 2

On a certain day in Cork, air temperature was described by the following function:

$$T(t) = -0.2t^2 + 6.4t - 35.2 \quad \text{where } 9 \leq t \leq 16,$$

where T is temperature in $^{\circ}\text{C}$ and t is time since midnight in hours.

Calculate the average air temperature between 9 am and 4 pm

