From January 1, 2020, a company offered its employees an income package with a starting wage of \$4000 per month, paid at the end of each month. Also, as an incentive to stay with the company, there was a monthly increase of \$50 each month.		
(a)	Determine a recursive rule for the monthly wage.	(2 marks)
(b)	Deduce a simplified rule for the n^{th} term of the monthly wage.	(2 marks)
(c)	Determine the monthly wage for December 2020.	(2 marks)
The company has decided to make the monthly increase \$60 from the end of December 2023.		
(d)	Calculate the monthly wage for March 2024.	(3 marks)

(9 marks)

Question 3