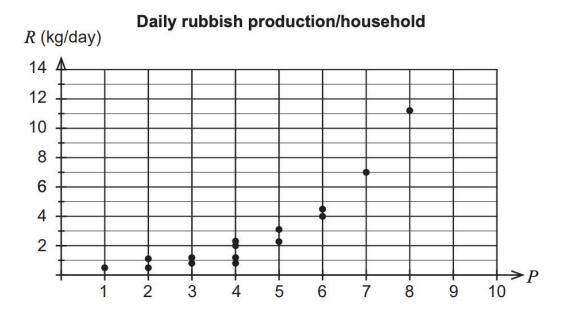
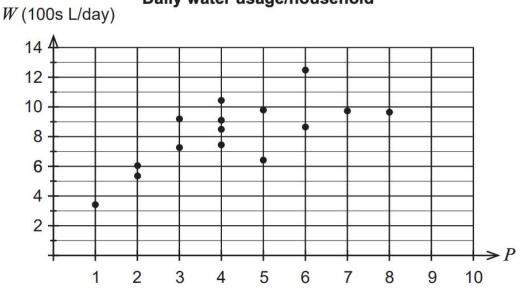
Question 3 (9 marks)

A local council wanted to determine whether the number of people/household, P, affected the amount of household rubbish (R, kg/day) produced and/or water (W, 100s L/day) used.

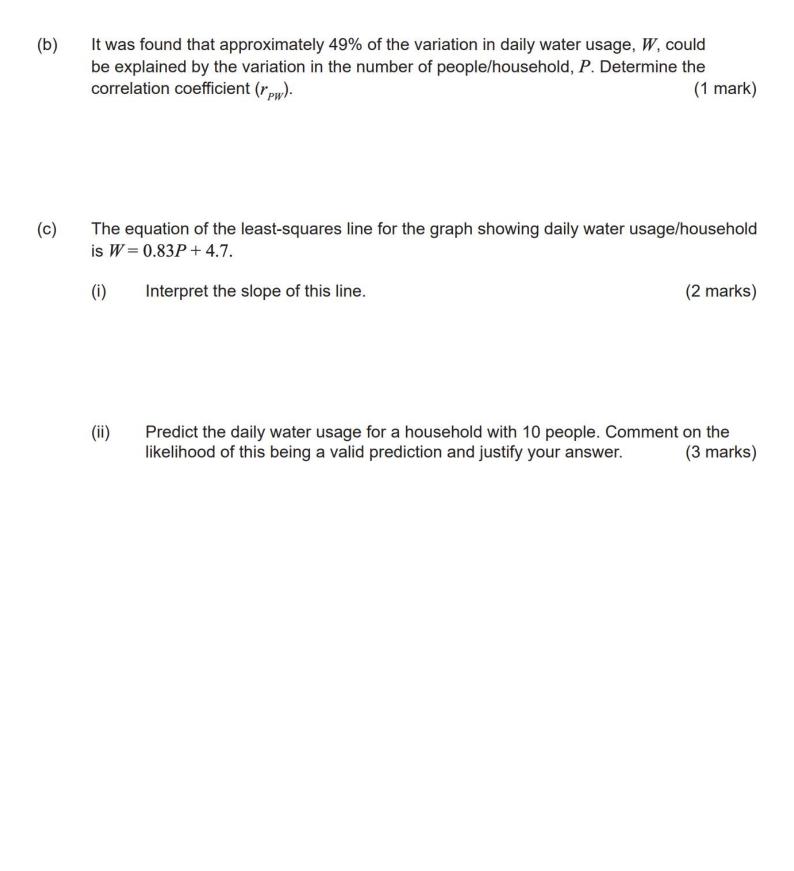
The graphs below illustrate the data recorded for 15 households within the local council area.



Daily water usage/household



(a)	Describe the association between the number of people/household, $P$ , and the rubbish production/household, $R$ , in terms of strength and form.	daily (2 marks)



(d)	The council argued that increasing the number of people/household causes the daily water usage to increase. Provide a non-causal explanation for the association between these two variables.  (1 mag)	