

Letters to houses

This task is about graphing data of two variables and looking for patterns.

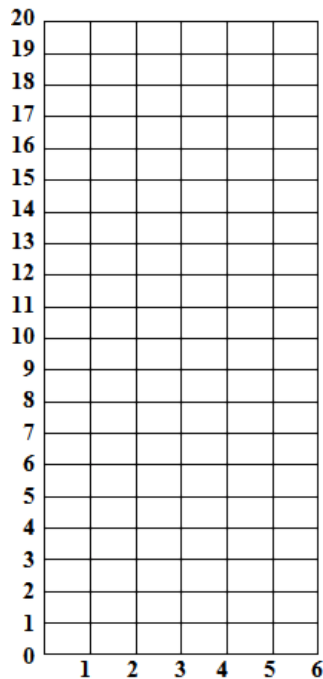
Patrick wants to know if there is a relationship between the number of people at a house and the number of letters delivered to the house. He collects data for 18 houses and puts it in a table.

Number of people per house and the number of letters delivered

Number of people at a house	1	1	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6
Number of letters delivered to the house	6	8	7	8	9	8	9	11	12	9	11	14	15	14	16	17	15	19

a) Draw a scatterplot or any other graph of the data he collected (shown in the table above).

Number of letters delivered to the house



b) Describe the relationship you can see in the graph between the number of people at a house and the number of letters delivered to the house.
