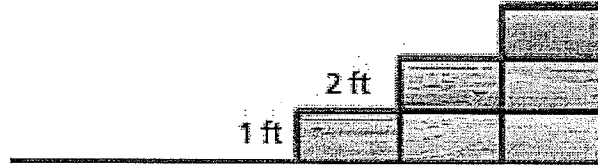


- d. Each box is 1 foot high and 2 feet wide. A red carpet starts 10 feet from the base of the platform and covers all the risers and steps.

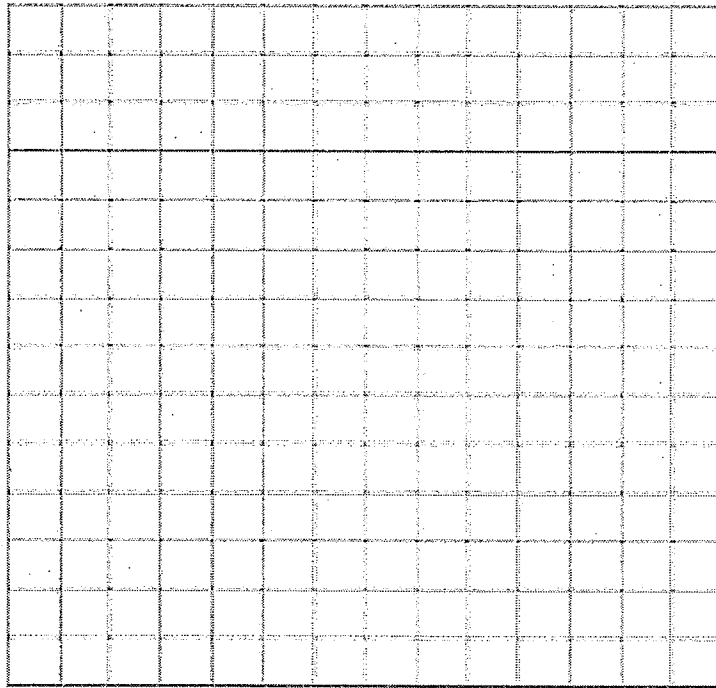


Copy and complete the table below.

Carpet for Platforms

Number of Steps	1	2	3	4	5	6	7	8
Carpet Length (ft)								

- e. Make a graph of the (number of steps, carpet length) data.



- f. Describe the pattern of change in the carpet length as the number of steps increases.