

**UNIT 6 • DESCRIBING DATA****Lesson 3: Interpreting Linear Models****Lesson 6.3.2: Calculating and Interpreting the Correlation Coefficient****Warm-Up 6.3.2**

A new social networking company launched a TV commercial. The company tracked the number of users in thousands who joined the network after each week the commercial aired. Use the table of data to answer the questions that follow.

Number of weeks	New users in thousands
1	6
2	9
3	15
4	19
5	19
6	22
7	32
8	31
9	37
10	45
11	44

1. Create a scatter plot of the data.
  
  
  
  
  
  
  
  
  
  
2. Does the data appear to have a linear or exponential relationship? Explain.