



| Age of the tree in years | Average thickness of the annual rings in cm. Forest A | Average thickness of the annual rings in cm. Forest B |
|--------------------------|---|---|
| 10                       | 2.0   | 2.2   |
| 20                       | 2.2   | 2.5   |
| 30                       | 3.5   | 3.6   |
| 35                       | 3.0   | 3.8   |
| 50                       | 4.5   | 4.0   |
| 60                       | 4.3   | 4.5   |

- A. The thickness of the annual rings indicate what type of environmental situation was occurring at the time of its development. A thin ring, usually indicates a rough period of development. Lack of water, forest fires, or a major insect infestation. On the other hand, a thick ring indicates just the opposite.
- B. Make a line graph of the data.
- C. What is the dependent variable?
- D. What is the independent variable?
- E. What was the average thickness of the annual rings of 40 year old trees in Forest A?
- F. Based on this data, what can you conclude about Forest A and Forest B?