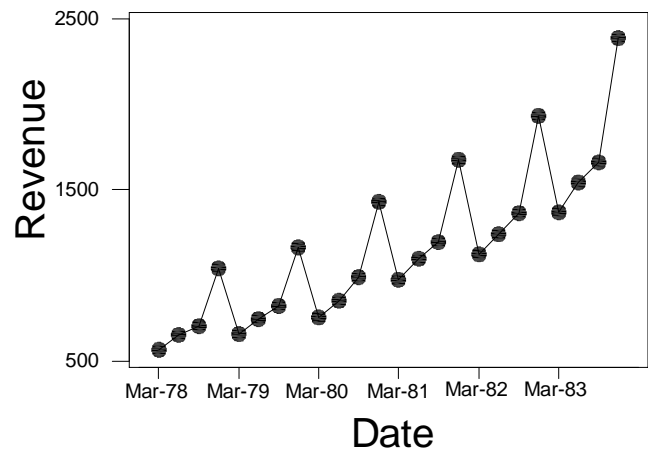


Quiz 2 Jan. 26, 2001, *Statistics for Business*

1. A sequence plot of quarterly (4 values per year) U.S. revenue for Dayton-Hudson department stores is shown at the right for 1978-1983. Which of the following statements best describes the sequence?

- A) random
- B) meandering
- C) trend
- D) seasonal
- E) trend and seasonal

Dayton-Hudson Quarterly Revenues



2. Which of the following tools is also called an Ishikawa diagram or fishbone chart?

- A) Flow Diagram
- B) Cause-and-Effect Diagram
- C) Pareto Diagram
- D) Deming's Process Diagram
- E) Operational Definitions

3. An observational study is one in which randomization is *not* used to determine which treatment is given to which elements.

- A) True
- B) False

4. A probability survey is a designed study in which a sample of elements is chosen from the universe using randomization.

- A) True
- B) False

Answers: 1. E, 2. B, 3. A, 4. A