**Answer on Question #47953 – Math – Statistics and Probability**

In a study on survival time for ten patients following a new treatment for AIDS. The time in months were given thus: 24, 12, 8, 20, 3, 18, 24, 25, and 27. Determine the mode for the given data.

**Solution**

Ordering the times from least to greatest, we get:

$$3, 8, 12, 18, 20, \mathbf{24}, \mathbf{24}, 25, 27.$$

The mode of a set of data is the value in the set that occurs most often. The time which occurs most often is 24 months.

**Answer: 24 months.**