

Seismologists used the modified Mercalli intensity scale to determine the intensity of the same earthquake from four different cities. They recorded their data in the following table.

Earthquake Intensity	
City	Intensity
A	VII
B	X
C	V
D	IX

Study the table and answer the following questions.

- According to the table, which city probably was the closest to the epicenter of the earthquake?
 - city A
 - city B
 - city C
 - city D
- Which of the following would be an accurate conclusion based on the intensity in city B?
 - The earthquake was not felt by very many people.
 - The earthquake destroyed well-built wooden and stone structures.
 - Destruction was minimal. Dishes rattled in cabinets, and pictures fell off of walls.
 - The earthquake was only felt indoors.