

## Chapter 19.2 Earthquakes and Volcanoes

RFC#2

1. What is the term for studying earthquakes?
2. What do seismologists use to record data about earthquakes? What data can they record?
3. What is a seismogram?
4. How many seismographs are used at each station? What motions do they measure?
5. What force is used by they seismographs?
6. How many stations are needed to locate the epicenter?
7. What order does the seismographs read the waves coming from the focus and epicenter?
8. What enables seismologist to calculate the distance between the station and the focus?
9. How do we know the outer core is liquid?
10. Why do waves change speed and direction as they travel through the Earth's interior?

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