An earthquake in China

Study Source A.
- How many earthquakes have been recorded in this area of China with a magnitude of more than 7.7?
- Describe the distribution of the earthquakes with a magnitude larger than 7.
- Describe the location of the epicentre of the 2008 earthquake. Refer to latitude and longitude in your answer.
- The 2008 earthquake killed over 87,000 people. How many earthquakes occurred on the map? Using a hazard death toll? Did these earthquakes occur and what was their magnitude?
- How can you tell that the area west of Chengdu is vulnerable to earthquakes? Give evidence.

Sample case study question
Name an area you have studied and state whether it has been affected by an earthquake or a volcanic eruption. Describe how the earthquake or eruption affected people and the environment in the area.