

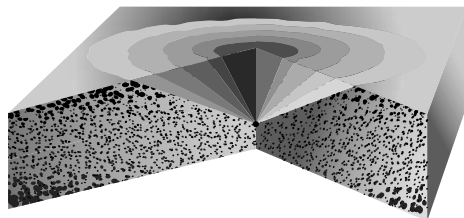
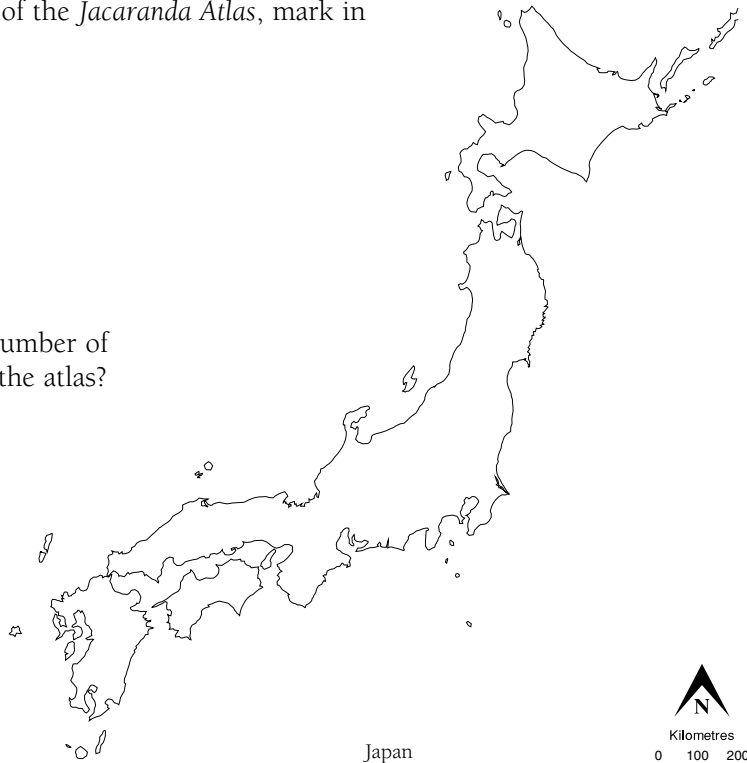
DATELINE: On 7 January 1995 at 5:45 am, Japan's second largest port, Kobe, was struck by an earthquake measuring 7.2 on the Richter Scale. Although the earthquake only lasted 20 seconds, 5000 people were killed and 25 000 were injured.

- Using the outline of Japan provided and page 153 of the *Jacaranda Atlas*, mark in the following features:
 - the cities of **Kobe**, **Tokyo**, **Osaka**, **Kyoto**, **Nagoya**
 - the islands of **Hokkaido**, **Honshu**, **Kyushu**, **Shikoku**
 - the major fault lines between the main plates
 - the crustal plates: **Pacific Plate**, **Philippine Plate**, **Eurasian Plate**, **Okhotsk Plate** and the direction of their movement
 - the major ocean trench to the east of Japan

- Which of Japan's islands experiences the greatest number of earthquakes as shown by the map on page 153 of the atlas?

- According to the Richter Scale measurement of earthquakes, was the Kobe earthquake minor, moderate or major?

- Using the information and the diagrams on page 9 and 153 of the *Jacaranda Atlas*, add the following labels to the appropriate blank diagrams to explain the nature of an earthquake: **fault**, **crust**, **mantle**, **epicentre**, **focus**, **strongest shock**, **weakest shock**.



- Name the events triggered by the Kobe earthquake which would have been responsible for most deaths and injuries.
