

# Where is the epicentre?

Seismometers have been installed in many schools around New Zealand. When an earthquake is recorded, there are two main peaks in the series of squiggles the seismometer makes. The distance between those peaks can be used to tell how far away the the epicentre of the earthquake was.

In one event, three North Island schools detected an earthquake and found the epicentre to be:

- 100 km from Napier
- 60 km from Gisborne
- 180 km from Taupo

Find the epicentre of that earthquake.

