

An earthquake is the shaking of Earth's surface resulting from the release of built-up energy along a fault (boundary between 2 plates)

↳ the location in the Earth where the earthquake happens is called the **focus**

↳ the **epicentre** is the location on the surface of the Earth directly above the **focus**

Earthquakes occur @ 2 different types of boundaries:

1. convergent → plates come together
2. transform → plates slide in opposite directions

Seismometers are used to measure seismic wave energy

P-wave (Primary)

→ 1st wave to arrive (fastest)

S-wave (Secondary)

→ 2nd wave to arrive (slower)

L-wave (surface)

→ travels along Earth's surface

→ last to arrive.

