

# 3. Our Changing Earth – 1

## Worksheet 1

### A Fill in the blanks to complete the sentences:

1. Movement of the \_\_\_\_\_ or \_\_\_\_\_ plates are responsible for the creation of various landforms.
2. The forces which originate from the Earth's interior are known as \_\_\_\_\_ forces and the forces which originate from the Earth's surface are known as \_\_\_\_\_ forces.
3. The funnel-shaped depression at the mouth of a volcano is called a \_\_\_\_\_.
4. The place vertically above the focus of the earthquake is called the \_\_\_\_\_.
5. \_\_\_\_\_ are the last earthquake waves to arrive and cause the \_\_\_\_\_ damage.
6. The instrument for measuring the magnitude of earthquakes is called a \_\_\_\_\_.
7. A \_\_\_\_\_ measures the power of an earthquake on a scale of \_\_\_\_\_ to \_\_\_\_\_.
8. The Japanese measure \_\_\_\_\_ to predict earthquakes.

### B Give the following words:

1. Plates that form the Earth's crust: \_\_\_\_\_
2. Activity of the plates of the crust: \_\_\_\_\_
3. Three kinds of volcanoes: \_\_\_\_\_
4. Magma when it comes out on the surface: \_\_\_\_\_
5. The scale to measure the power of an earthquake: \_\_\_\_\_
6. The place where an earthquake starts: \_\_\_\_\_
7. Shake waves: \_\_\_\_\_ or \_\_\_\_\_
8. Most tectonic activity occurs on the \_\_\_\_\_ of the plates

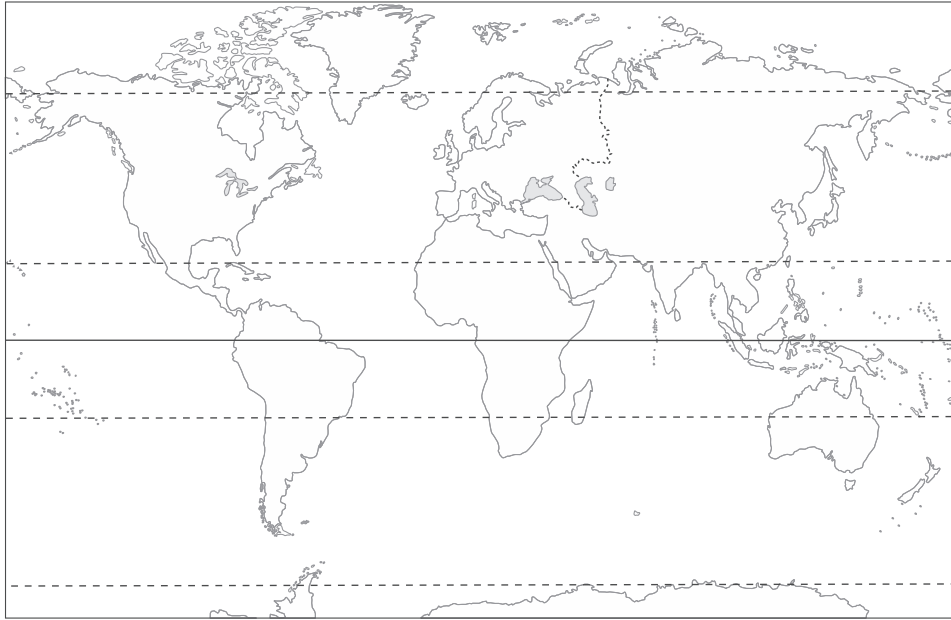
### ANSWERS TO WORKSHEET 1



- A. 1. lithographic; tectonic 2. endogenic; exogenic 3. crater 4. epicentre  
5. L-waves; maximum 6. seismograph 7. richter Scale; 1; 9 8. sea level
- B. 1. Lithospheric plates 2. Tectonic activity 3. Active, dormant, extinct 4. Lava  
5. Richter Scale 6. Focus 7. S-waves; secondary waves 8. margins

## Worksheet 2

- A** On a map of the world, mark the distribution of earthquake regions and name the following places: Rockies, Andes, Japan, Philippines, Indonesia, Himalayas, Alps.

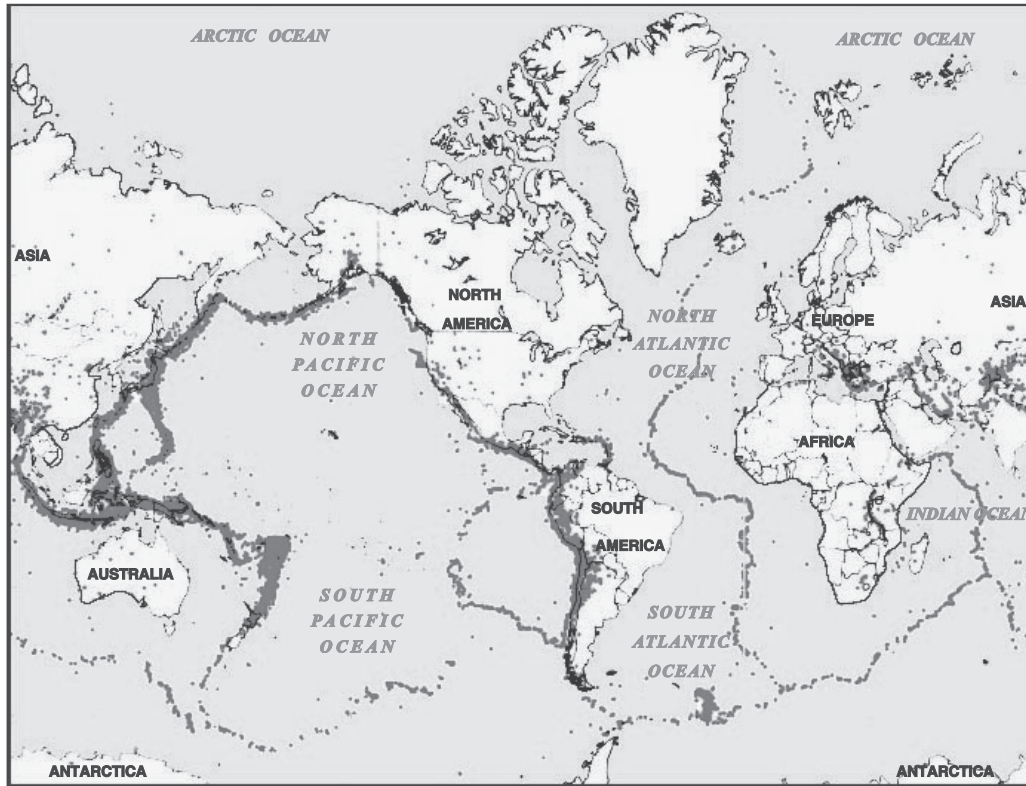


- B** On a map of the world, mark the distribution of volcanoes and name the following: Deccan Plateau; Mongolian Plateau; Tibetan Plateau; Fujiyama, Krakatoa, Etna, Vesuvius, Kilimanjaro, Cotopaxi; Popocatpetl; Aconcagua.



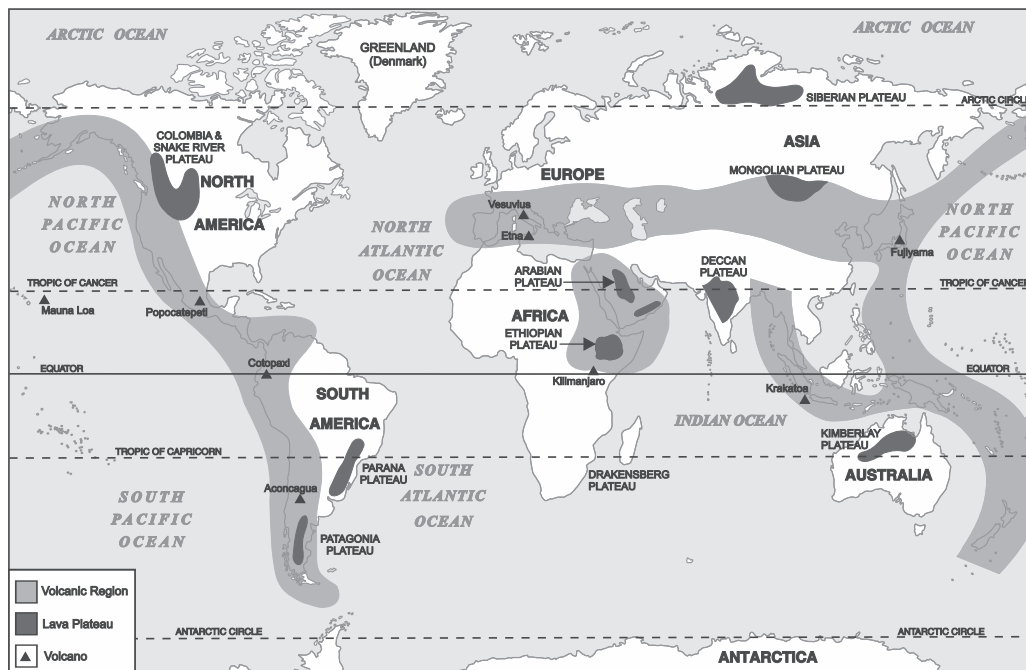
## ANSWERS TO WORKSHEET 2

A.



World–Distribution of Earthquakes

B.



World–Distribution of Volcanoes