

types of plate tectonics

divergent: moves apart from each other

convergent: moves towards each other

Transform: slides pass each other

tectonic plates moving can cause:
earthquakes, mountains, volcanoes, ocean
ridges/trenches, subduction

lithosphere

lithosphere is constantly moving but in a
very slow motion

these motions are not the same everywhere

the movement of the lithosphere is called "-
tectonics"

Plate tectonics theory:
the entire lithosphere of the earth is broken
into numerous segments called PLATES

geologic structures

volcanoes

earthquakes

mountain ranges

Major plates and Minor plates

Major plates:

pacific plate

north american plate

Eurasian plate

African plate

Antarctic plate

Indo-Australian plate

South American plate

Minor plates:

philippine plate

nazca plate

scotia plate

cocos plate

caribbean plate

arabian plate

australian plate

Continental crust- thicker but less dense

Oceanic crust- Thinner but denser

Four layers of the earth

crust

mantle

inner core

outer core

the epicenter is where the vibration is and
the focus is the exact location of the earthquake.

the graphical record of an earthquake is
called "SEISMOGRAM" and its device is "-
SEISMOGRAPH"

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