

Read and answer:

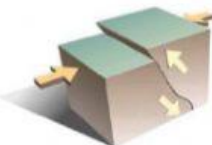
Changes over Time

Plate movements are small. Some plates move less than one centimeter per year. Some plates move as much as ten centimeters per year. Even so, these movements can cause big changes to Earth's surface. Some changes occur slowly over thousands or millions of years. These changes include mountains being built and valleys being formed. Some changes happen quickly in days or even minutes.

Generally, mountains form, earthquakes occur, and volcanoes erupt in certain places. These places are where plates meet. The edges where Earth's plates meet are called plate boundaries. A **converging boundary** occurs when two plates push into each other. A **spreading plate boundary** may form when plates move apart from each other. At a **sliding plate boundary**, two plates move past each other in opposite directions. You can see a crack in the land in some places where two plates meet. This crack is called a **fault**.

- a) What can the movements of plates cause?
- b) How are called the edges where Earth's plates meet?

Observe the pictures and match them:



Observe the pictures and label them:

