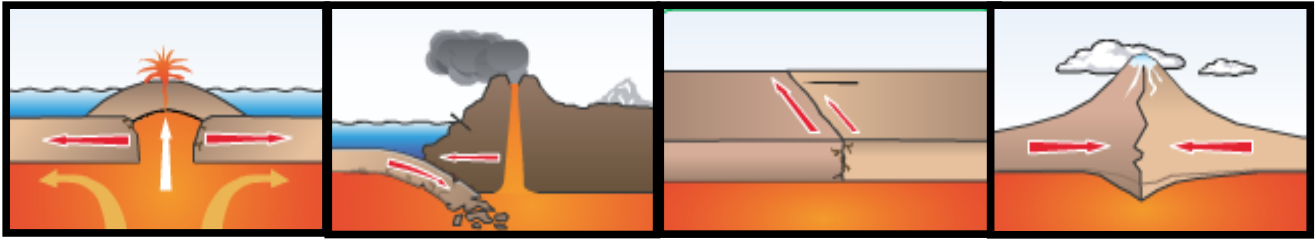


Tectonic Plate Margins

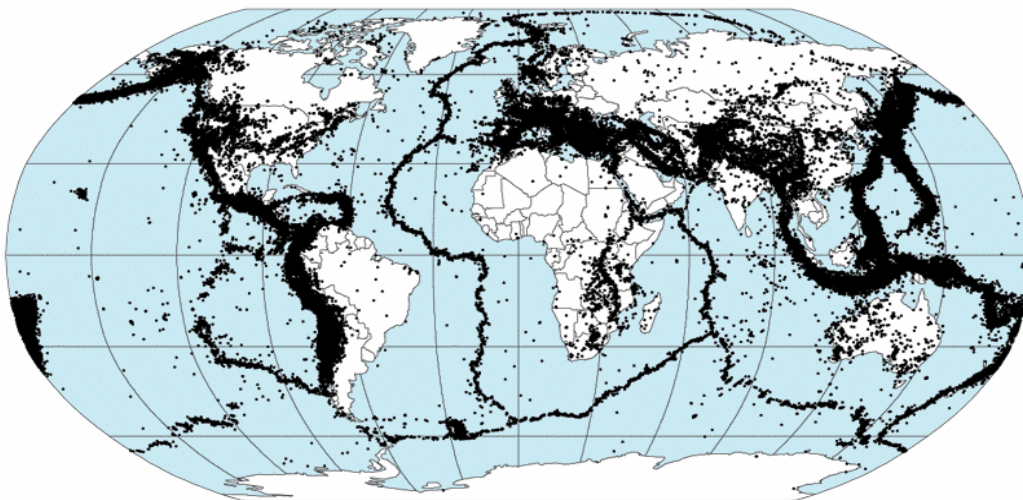
1.) How many different kinds of plate boundaries are there?

2.) Write the correct number under each of the illustrations below.

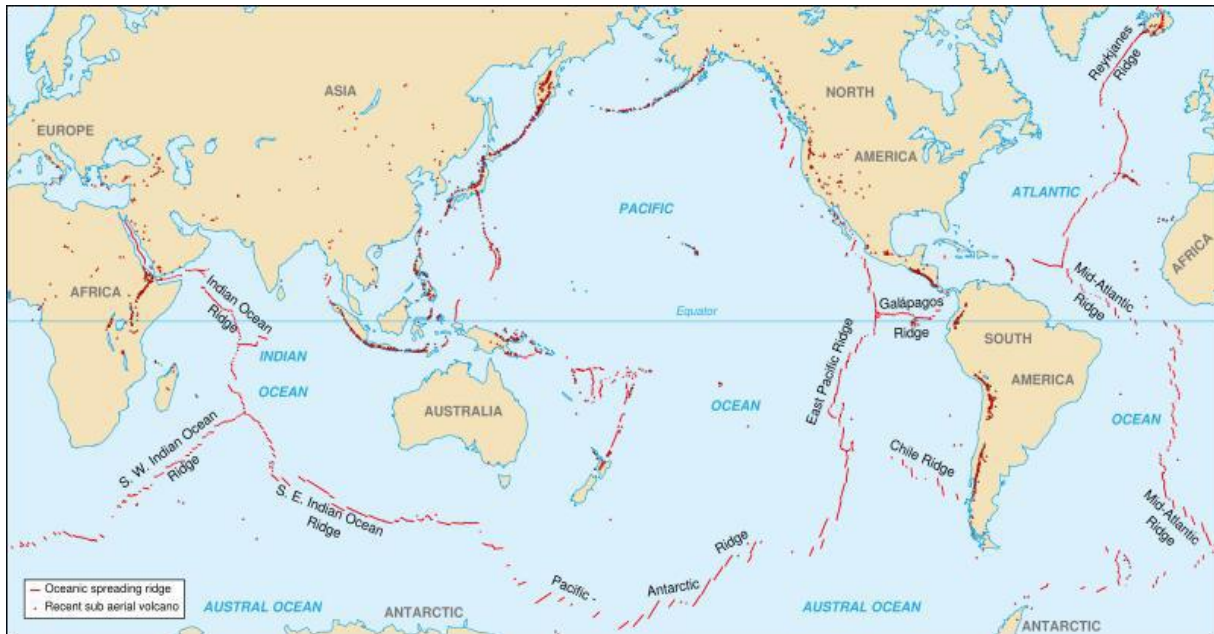


1. **Constructive** - Where two plates (oceanic or continental) diverge (move apart).
2. **Collision** - Where two continental plates converge (meet).
3. **Conservative** - Where two plates move past each other in different directions or at different rates.
4. **Destructive** - Where an oceanic and continental plate converge (meet).

3.) Look at the following map. The black dots show the **distribution** (where they are) of earthquakes that have happened around the world. Describe where in the world they have happened (you can use a Sciensaurus book).



3.) The following map shows volcanoes (dots) and ridges under the sea. Describe where these are in the world.



4.) Are there any patterns between where earthquakes occur and where volcanoes are situated?

5.) Thinking back to questions 1 and 2, why do you think earthquakes and volcanoes are found in these areas?

6.) Why do you think that there are no active volcanoes, or big earthquakes in the United Kingdom?

7.) What are the names of the 5 main volcanoes from the Pacific Ring of Fire and what countries are they near to?

