



Watch the videos about how earthquakes are created and answer the questions below to show what you have understood. Make your answers as detailed as you can.

(Video 1)

1. What 3 layers make up the earth?

Core, mantle and crust

2. How is the earth crust arranged?

It is called into pieces called plates

3. Do the plates move?

No	Yes, quickly	Yes, slowly
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4. What causes pressure to build up between the plates?

friction	the sea	the weather
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5. When too much pressure builds up, how it is released?

A shockwave	Through thunder and lightning	Nothing happens
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6. True or False - all earthquakes are the same?

true	false
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7. Can you draw a diagram to show how an earthquake is formed?

A diagram showing the tectonic plates moving

8. What happens if an earthquake happens under the sea?

Tsunami happens

9. In countries where they get a lot of earthquakes what do they do to prepare themselves?

- Make earthquake proof houses,
- earthquake shelters,
- practice what to do if an earthquake strikes

(Video 2)

10. According to the NEIC, how many earthquakes happen each year?

1 million

11. How many earthquakes are detectable each year?

500,000

12. How many earthquakes can be felt by humans each year?

100,000

13. How many earthquakes actually cause damage each year?

100

14. What's another name for a tsunami?

Seismic sea wave