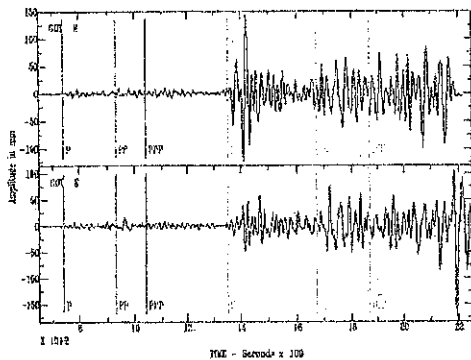


Geology Final Part 2 Review "Test Yourself Study Guide"

7th gr Mr. D. Coombs 2017

Mercalli – Richter – Moment Magnitude are three main forms of measuring the strength of what?

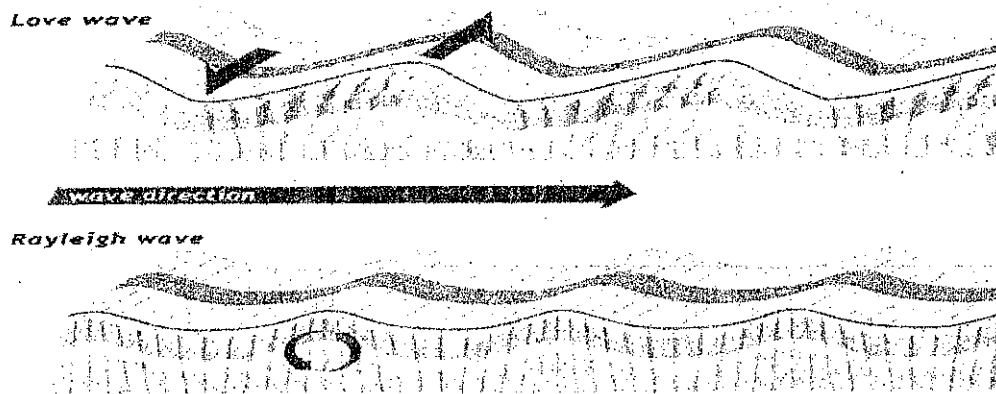
A SEISMOGRAPH is used to measure what....?



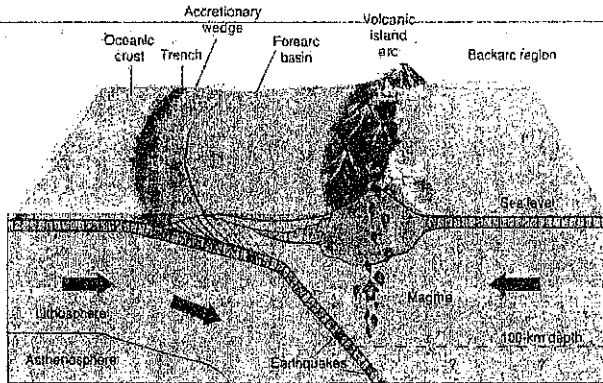
Why are there so many earthquakes in California and all along the west coast of the US? (think plate boundaries...)

Why are "S" waves and "P" waves called that.....? (HINT: What does it stand for....?)

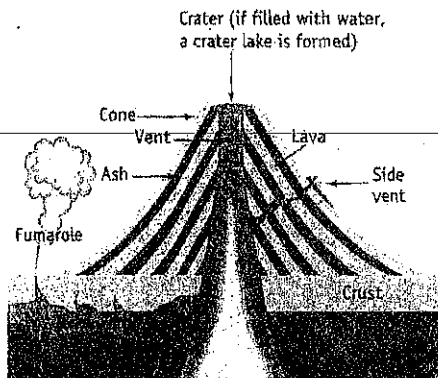
Rayleigh and Love waves ("R and L") are also known as "surface waves" Why do they cause so much damage?



Volcanic island arcs form at what kind of plate boundaries?



Volcano structures: Know CONE – VENT – SIDE VENT

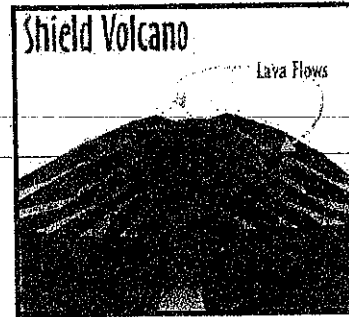
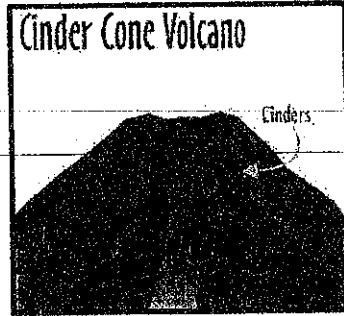
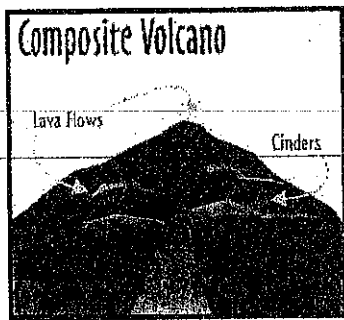


Types of volcanoes....

Which produces runny lava and tends to build to a high, level area?

Which one typically forms along continental convergent plate boundaries?

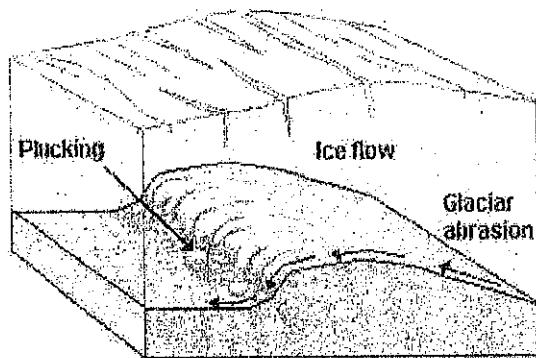
Which are tall, cone shaped and produce layers of lava and ash?



The Grand Canyon was produced as a result of what?

What are COMPACTION ABRASION DEPOSITION EROSION ?

What does "plucking" refer to regarding glaciers?



Three types of weathering = PHYSICAL CHEMICAL BIOLOGICAL

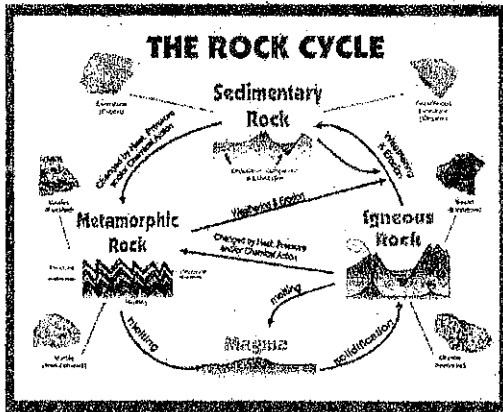
Which one is caused by rocks rubbing against each other?

Which one is caused by living things like trees and insects breaking down rock?

Which one results in changes to the actual mineral makeup of rocks?

Can you give some examples of WIND WATER GRAVITY ICE erosion?

Land slides are mainly caused by which?



Which types of rocks are created by volcanic activity?

Which types of rocks are created by compacting and cementing?

Which types of rocks are caused by change through heat and pressure?

Does erosion contribute to the Rock Cycle?

Minerals are classified by HARDNESS – TEXTURE – LUSTER (shiny-ness) – CHEMICAL COMPOSITION

What is unique about DIAMOND? What is unique about TALC?

What is CARBON DATING to determine how old a fossil is?

What is fossil INDEXING?

What are TRACE FOSSILS?

What is the difference between a MOLD and a CAST?