Tectonic Fury Final Exam

Things to know…

Layers of the Earth

Theory that says why the plates spread apart

Evidence to support Continental Drift theory

Name of the super continent

Types of plate boundaries, how do they move?

Geologic column

Science of earthquakes is \_\_\_\_\_\_.

Fault, focus, epicenter

Scale used to measure strength of an earthquake

Order that seismic waves arrive

What to do when an earthquake begins

What waves cause the most damage?

San Andreas fault

Be able to read graphs and data tables

Types of lava

Lava vs magma

Smallest to largest pyroclastic material

Parts of a volcano. Know the vocab.

What kind of volcanic material floats in water?

Where are most earthquakes and volcanoes located? Along \_\_\_\_ \_\_\_\_ The most active area in the world is the \_\_\_ \_\_ \_\_\_.

Active, dormant, extinct

Pyroclastic material

Parts of the rock cycle

Why do we need to know how the rock cycle works?

Erosion

Weathering

Types of mechanical weathering

Types of chemical weathering

What affects the rate of weathering?

Agents of Erosion

Half-life – how to calculate

Law of superposition

Thickness of the Earth

Composition of Earth layers

Convection cell

Age of Earth

Where do earthquakes usually occur?

Fault

Epicenter and focus

Triangulation

San Andreas and New Madrid faults

How does water affect magma?

Viscosity

Hotspots

Categories of volcanoes

Types of volcanoes

The rest of this piece of paper you can write on and use as a note sheet that you can use on the test. Yes you can use the front and the back. This will be stapled to your test when you are done. If there are any other hints I will let you know when we study over the next couple of days.