

Name: _____

Block: _____

Review for 4.2 Quiz

Provide a definition or explain the significance of the individual or term

Tectonic Plates: _____

Convergent plate boundary:

Mantle convection:

Slab pull:

Divergent plate boundary:

Transform plate boundary:

Ridge push:

Fill in the blank of the following questions

1. The _____ is composed of crust and part of the upper mantle.
2. The North American plate is made up of both _____ and _____ crust.
3. Tectonic plates move slowly and float on the _____, which flows like toothpaste and tar.
4. The interactions between lithosphere and asthenosphere help to explain _____.
5. Mid-ocean ridges are found at _____ plate boundaries.
6. Trenches form at _____ plate boundaries.
7. Volcanoes form at _____ plate boundaries.
8. Earthquakes occur at _____ plate boundaries.
9. Subduction occurs at _____ plate boundaries.
10. Sea floor spreading occurs at _____ plate boundaries.
11. Continental rifting occurs at _____ plate boundaries.
12. Plates move at a rate of _____ cm to _____ cm per year.

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13. The movement of tectonic plates is measured using _____, _____, and _____
_____. One specific example is the _____
which uses signals from several satellites that orbit Earth.
14. _____ are thought to drive tectonic plate motion.
15. _____ occurs in the mantle where cooler, denser material sinks and
warmer, less dense material rises.
16. _____ occurs at divergent plate boundaries, while _____
occurs at convergent plate boundaries.