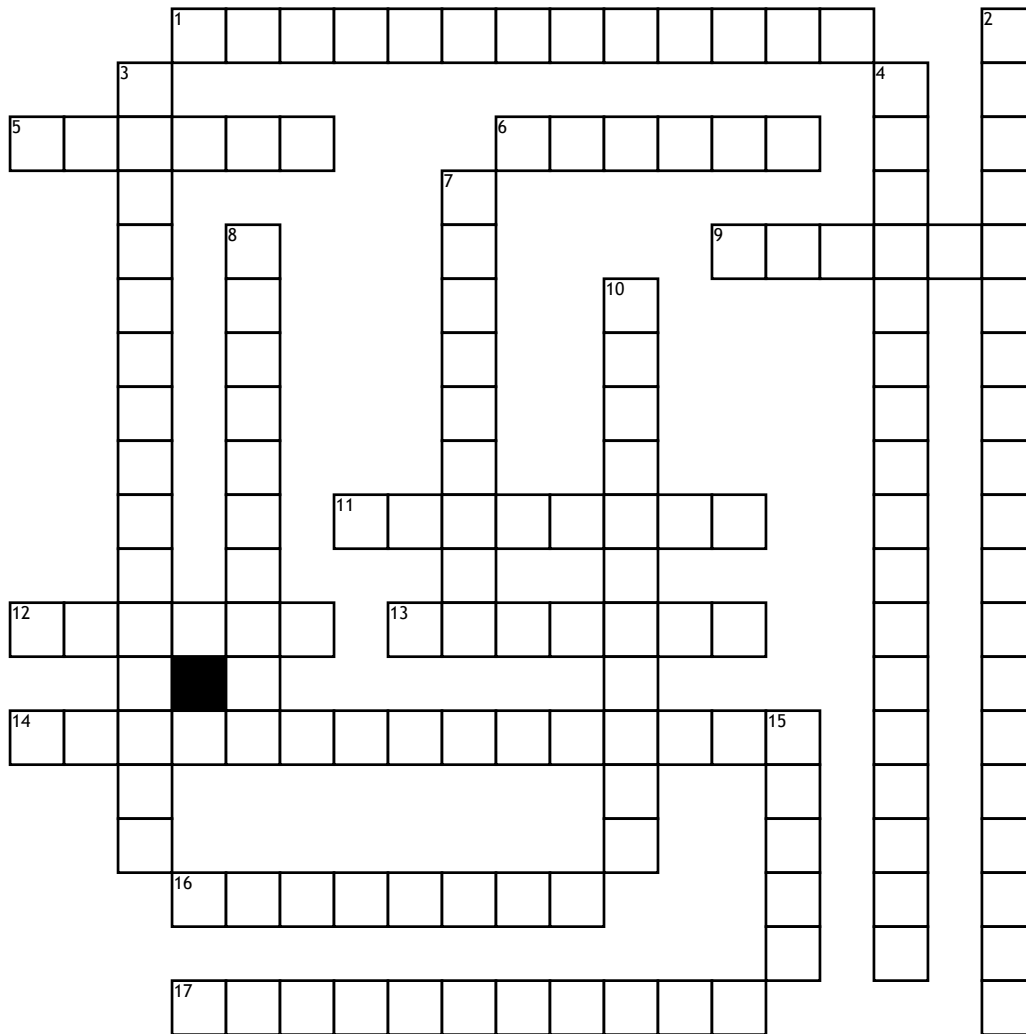


Name: _____

Date: _____

Earths Dynamics



Across

- 1. deep underwater troughs created by one plate subducting under another plate at a convergent plate boundary
- 5. a change in the shape of rock caused by stress is called
- 6. areas of subsidence and regions with low elevation
- 9. The upward vertical motion of Earth's surface.
- 11. is the equilibrium between continental crust and the denser mantle below

12. an extensive area of level or rolling land

- 13. Stress that pulls something apart
- 14. are made of layers of rocks that are folded
- 16. flat regions with high elevations are called
- 17. Squeezing stress

Down

2. parallel ridges that form where blocks of crust move up or down along faults

3. where tectonic plates slide horizontally past each other they form

- 4. when large regions rise vertically with very little deformation
- 7. An area of many fractured pieces of crust along a large fault
- 8. The downward vertical motion of Earth's surface.
- 10. volcanoes that form parallel to a plate boundary
- 15. Parallel forces acting in opposite directions

Word Bank

- | | | | |
|------------------|-----------------------|-------------|--------------------|
| transform faults | ocean trenches | strain | plateaus |
| volcanic arc | subsidence | Isostasy | uplifted mountains |
| folded mountains | basins | compression | plains |
| uplift | fault-block mountains | fault zone | shear |
| tension | | | |