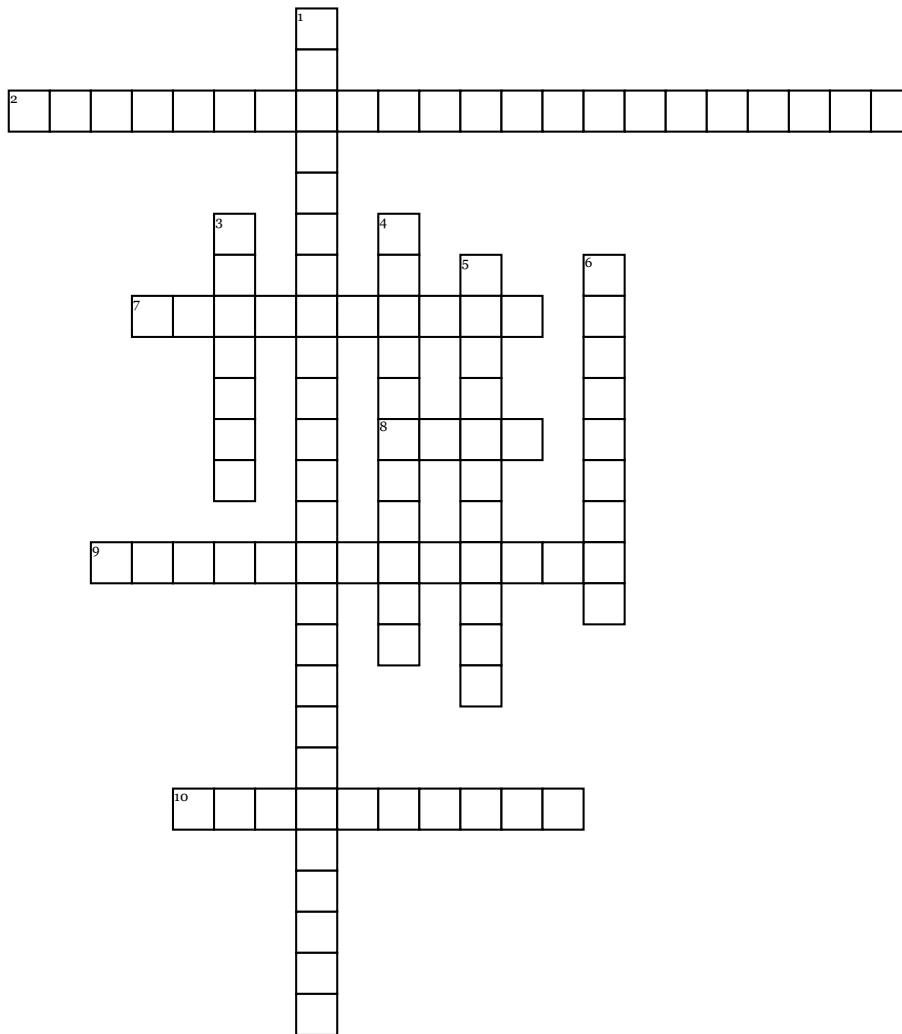


Plate Tectonics



Across

- 2. forms where two plates separate
- 7. circulation of material caused by the difference in temperature and density
- 8. slab sinks it pulls on the rest of the plate
- 9. deep under water troughs
- 10. when the denser plate sinks below the more buoyant plate

Down

- 1. form where two plates collide
- 3. Stress that pulls something apart
- 4. cold rigid outermost rock layer
- 5. curved line of volcanoes that is parallel to the plate boundaries
- 6. rising mantle material at mid ocean ridges creates the potential for plates to move away from the ridge

Word Bank

- | | | |
|-----------------------------|----------------|-------------|
| slab | convection | subduction |
| divergent plate boundary | Ocean trenches | tension |
| convergent plate boundaries | ridge push | lithosphere |
| volcanic arc | | |