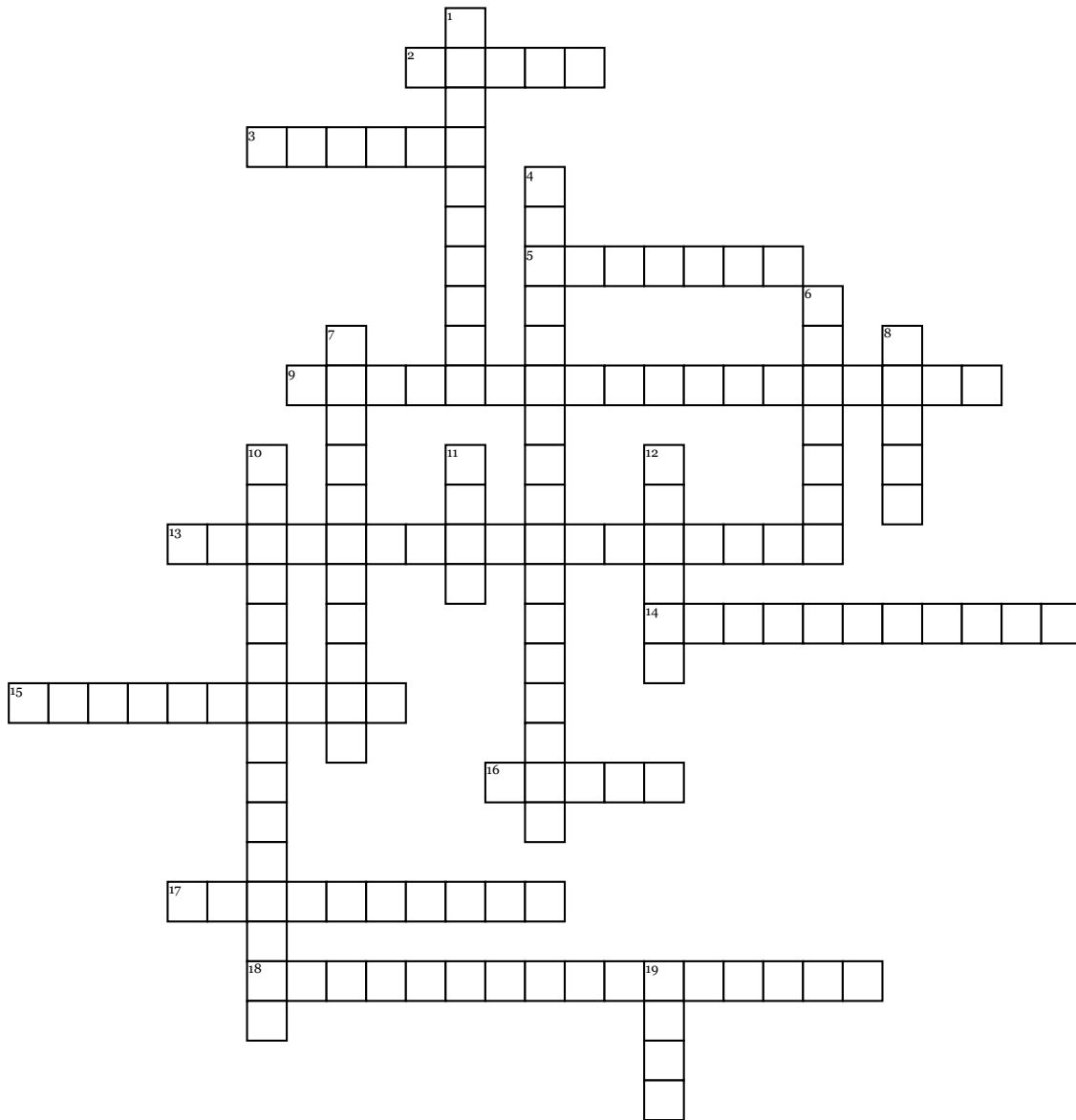


Inside the Earth



Across

- 2.** A break in the earth's crust along which blocks of the crust slide relative to one another due to tectonic forces
3. An act, process, or results of lifting up a part of the Earth's surface
5. A mountain that forms when molten rock, called magma, is forced to the Earth surface
9. The boundary between two cooling tectonic plates
13. The boundary between two tectonic plates that are sliding past each other horizontally
14. The outermost, rigid layer of the earth that consists of the crust and the rigid upper part of the mantle

- 15.** The region where an oceanic plate sinks down into the asthenosphere at a convergent, usually between continental and oceanic plates
16. The thin, outermost layer of the Earth, or the uppermost part of the lithosphere
17. The transfer of thermal energy by the circulation or movement of a liquid or a gas
18. The theory that continents can drift apart from one another and have done so in the past

Down

- 1.** A shaking or trembling of a portion of the earth
4. The boundary between two tectonic plates that are moving away from each other

- 6.** The amount of matter in a given space; mass per unit volume
7. The make up of a rock; describes either minerals or elements present in it
8. The hot liquid that forms when rock partially or completely melts; may include mineral crystals
10. The theory that the Earth's lithosphere is divided into tectonic plates that move around on top of the asthenosphere and mantle
11. The central, spherical part of the Earth below the mantle
12. The layer of the Earth between the crust and the core
19. Magma that flows onto the Earth's surface