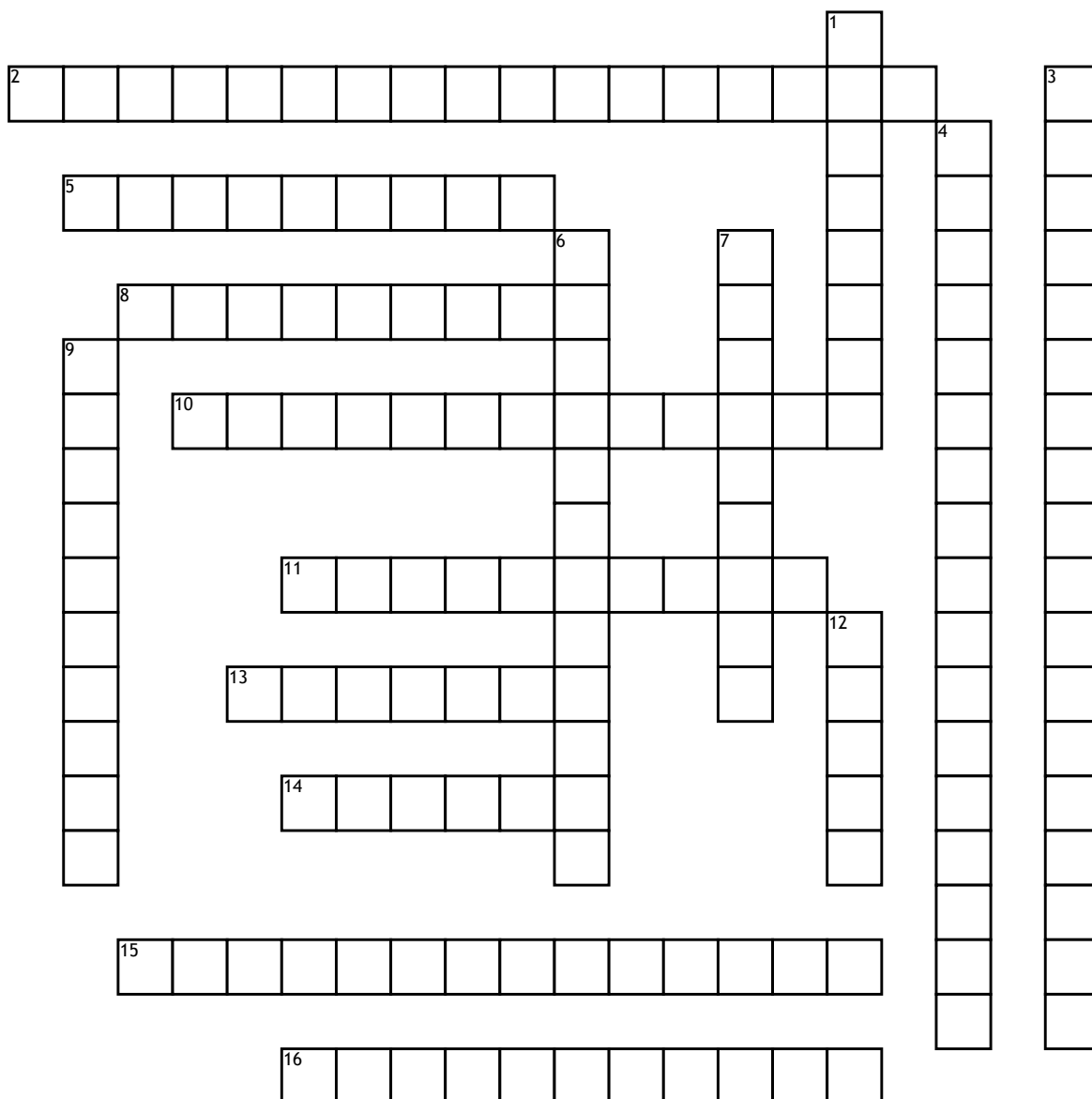


Forces



Across

2. A plate boundary where two plates move away from each other.

5. The transfer of energy as electromagnetic waves

8. A dense sphere at the center of Earth.

10. The soft layer of the mantle on which the lithosphere floats.

11. The direct transfer of heat from one substance to another substance that it is touching.

13. A large, ancient landmass composed of all the continents joined together.

14. The layer of hot, solid material between Earth's crust and core.

15. A theory stating that the earth's surface is broken into plates that move.

16. The rigid outer part of the earth, consisting of the crust and upper mantle.

Down

1. The amount of force exerted per unit area of a surface.

3. A plate boundary where two plates move toward each other.

4. The process by which molten material adds new oceanic crust to the ocean floor.

6. Vibrations that travel through Earth carrying the energy released during an earthquake.

7. The liquid layer of the Earth's core that lies beneath the mantle and surrounds the inner core.

9. The transfer of heat by the movement of a fluid.

12. The thin and solid outermost layer of the Earth above the mantle