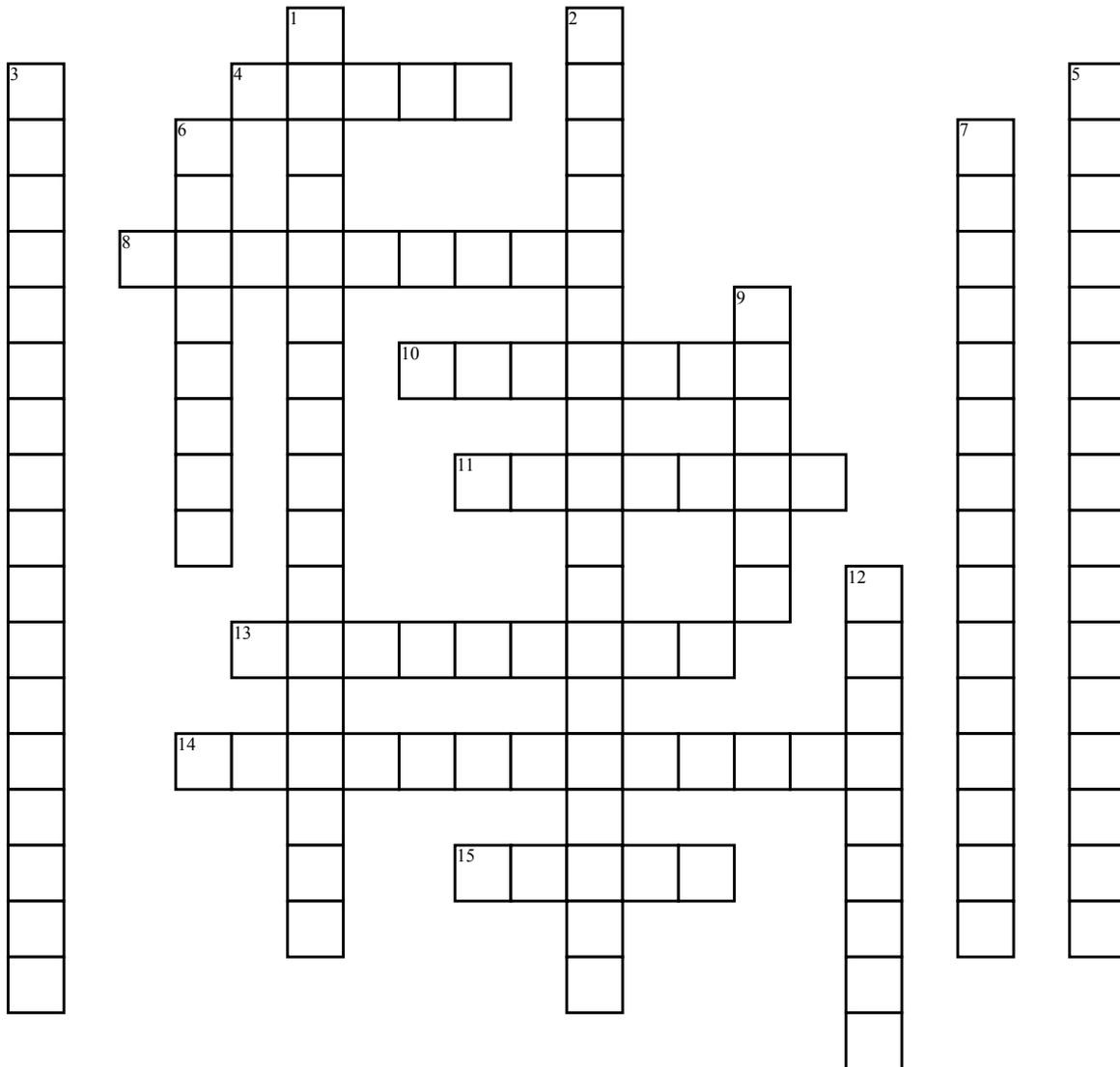


# Earth's Interior



## Across

- 4.** The layer of rock that forms earth's outer surface.
- 8.** The densest parts of the earth that include the crust, mantle, and core.
- 10.** The name of a single landmass that began to break apart 200 million years ago and gave rise to today's continents.
- 11.** The rate of the mass of a substance to its volume(mass divided by volume).
- 13.** A layer of molten iron and nickel that surrounds the inner core of earth.

**14.** An undersea mountain chain where new ocean floor is produced, a divergent plate boundary.

**15.** A section of the lithosphere that slowly moves over the asthenosphere carrying pieces of continental and oceanic crust.

## Down

- 1.** A plate boundary where two plates move past each other in opposite directions.
- 2.** A plate boundary where two plates move towards each other.
- 3.** A plate boundary where two plates move away from each other.

**5.** The hypothesis that the continents slowly move across earth's surface.

**6.** The force pushing on a surface divided by the area of that surface.

**7.** A deep valley along the ocean floor beneath which oceanic crust slowly sinks toward the mantle.

**9.** The layer of hot, solid material between earth's crust and core.

**12.** A dense sphere of solid iron and nickel at the center of the earth.