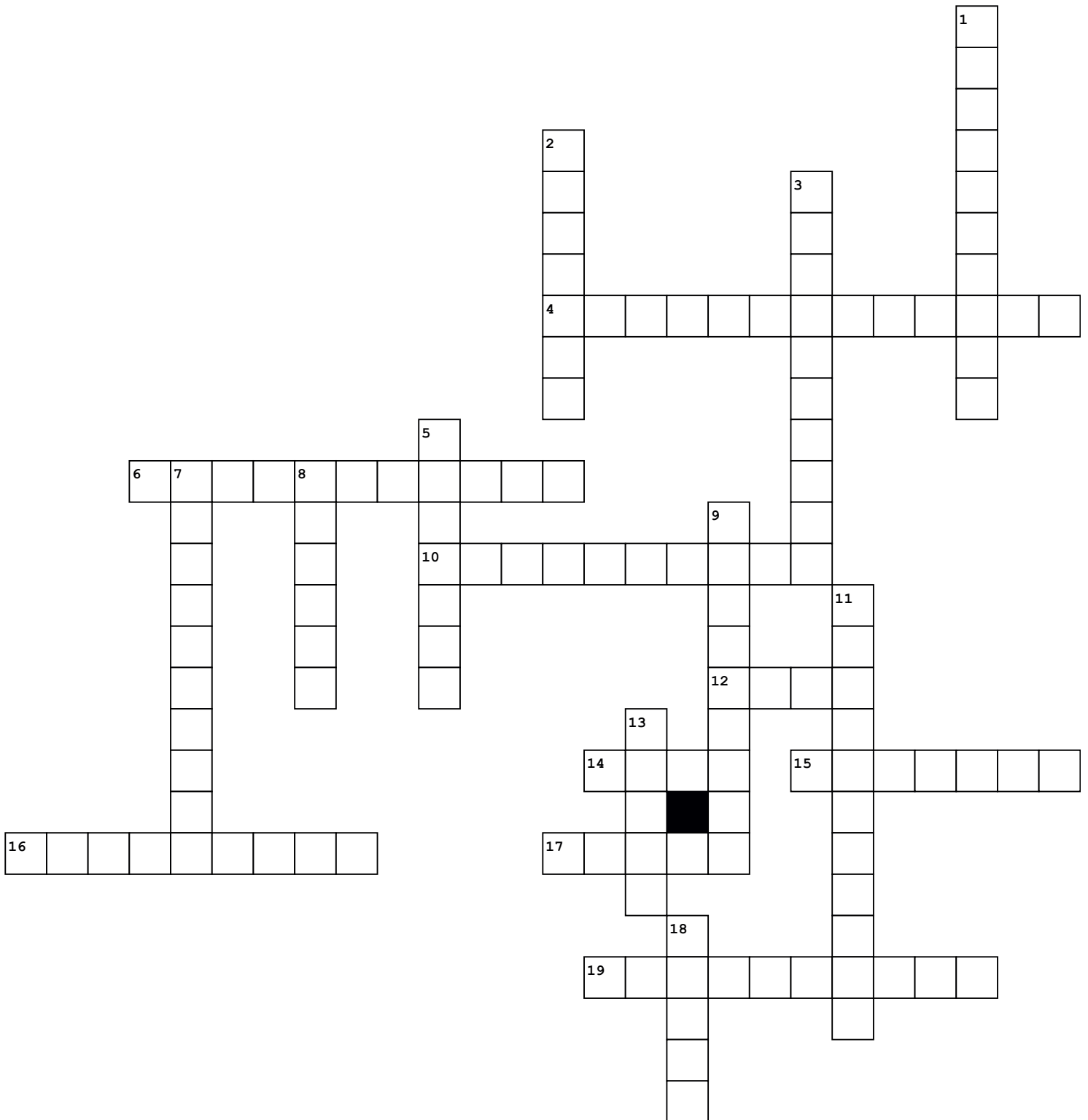


Changes to Earth's Surface



Across

4. the upper part of the mantle below the lithosphere
6. an instrument used to detect and record earthquakes

Down

1. a plate boundary where the plates move together
2. large ocean wave created by undersea earthquakes or volcanic eruptions

- 10.** the process of an oceanic plate colliding with and descending underneath a continental plate
- 12.** a deep valley that forms where plates move apart
- 14.** beneath the mantle; the layer of Earth in the center
- 15.** forms when molten rock is pushed to the surface and builds up
- 16.** the point on Earth's surface directly above the focus of an earthquake
- 17.** the thin outer layer of Earth
- 19.** the process of being broken down into smaller pieces
- 3.** the dropping or settling of eroded material
- 5.** the removal and transportation of weathered material
- 7.** the snap and slide of rocks as energy is released in Earth's crust
- 8.** the very thick layer of Earth beneath the crust
- 9.** a plate boundary where the plates are moving apart
- 11.** the crust and the upper solid part of the mantle
- 13.** the point inside Earth where an earthquake begins
- 18.** a break in Earth's crust where rocks can slide past each other