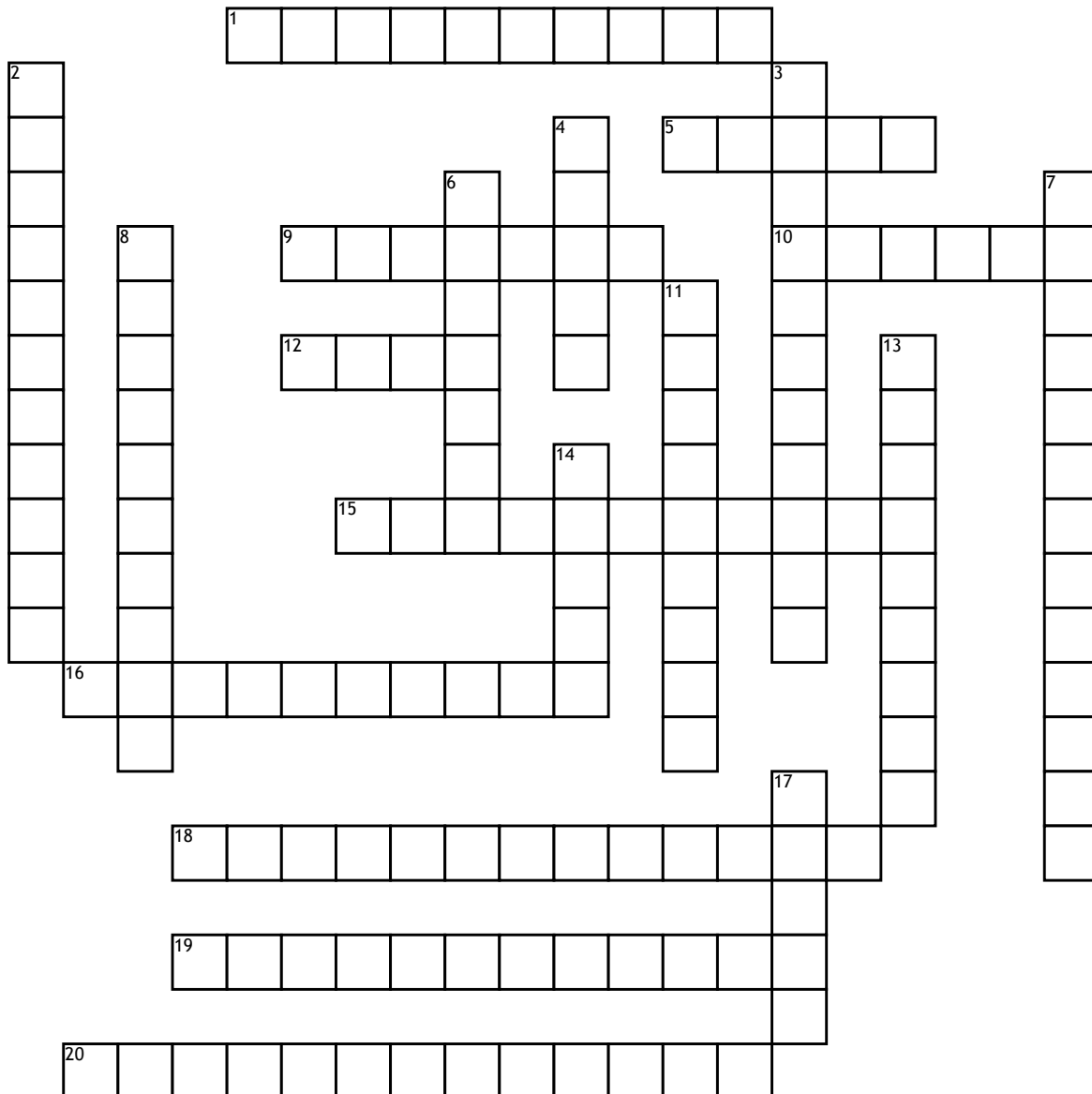


# Ramses Science Unit 4



## Across

1. Vibration in the ground
5. Our planet
9. The Study of the structure and behavior of the physical and natural world through observation and experiments
10. Middle layer of the Earth
12. The center of the Earth
15. Wave that causes damage during an Earthquake
16. Two plates moving towards one another
18. The partially molten layer of the Mantle

**19.** Wave Energy created from the movement of the rocks along a fault line

**20.** A rigid slab of the lithosphere that moves on top of the Asthenosphere

## Down

2. The outermost rigid layer of the Earth
3. Fastest and first wave of an Earthquake
4. The position inside the earth where the rocks first move causing seismic waves

**6.** Coined the Continental Drift Theory

**7.** The middle wave of an earthquake

**8.** A denser plate moves against a less dense plate

**11.** The location on the Earth's surface directly above the earthquakes focus

**13.** Two plates moving away from each other

**14.** A break in the Earth's lithosphere

**17.** Outer layer of the Earth