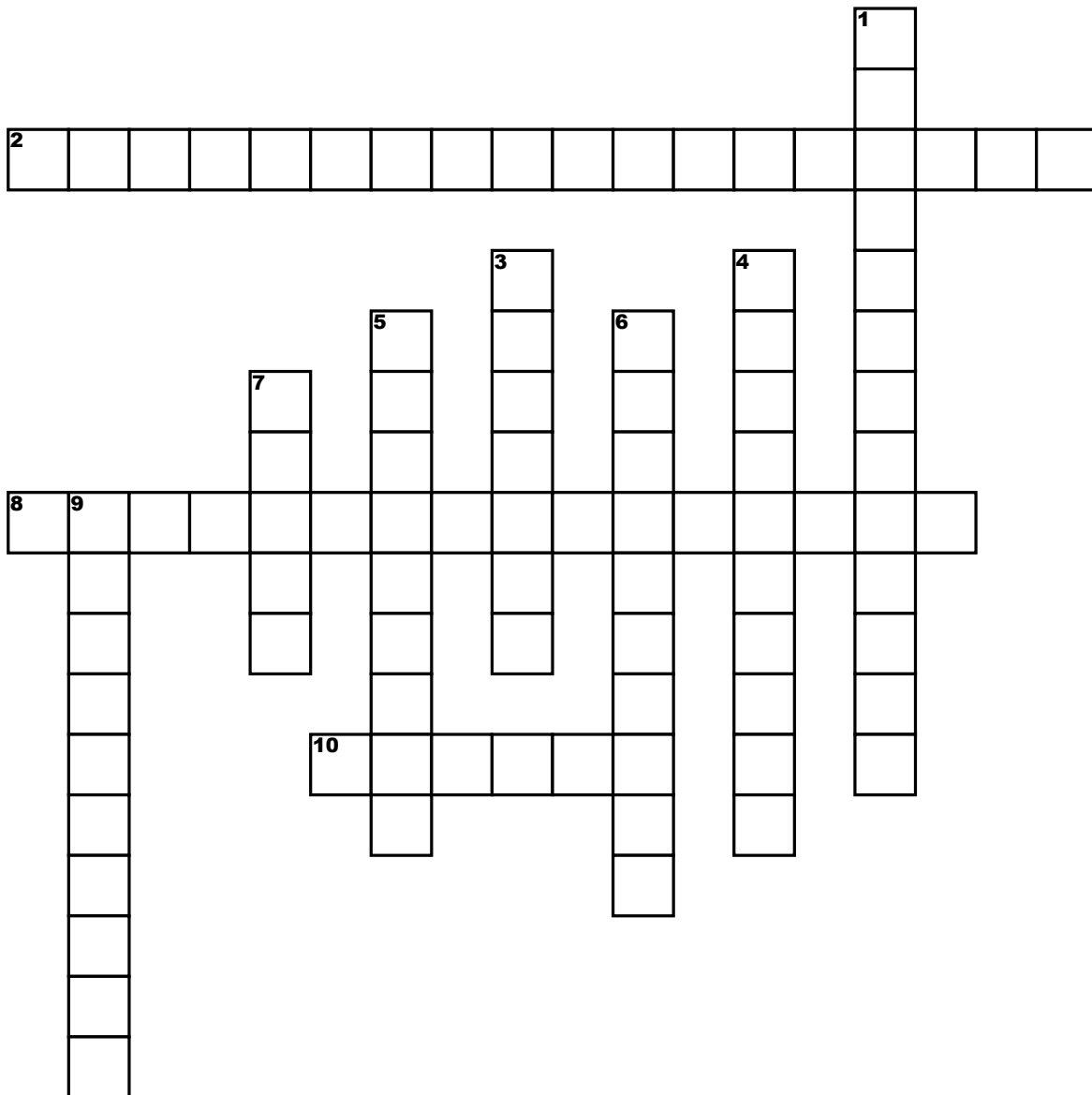


# Plate Tectonics



**Across**

**2.** plate boundary where two plates move towards each other

**8.** well tested concept that explains a wide range of observations

**10.** A trace of an ancient organism that has been preserved in rock

**Down**

**1.** undersea mountain chain where new ocean floor is produced

**3.** the amount of mass in a given space; mass per unit volume.

**4.** The transfer of heat by the movement of a fluid

**5.** The transfer of energy through space

**6.** a deep valley that forms where two plates move apart

**7.** a device that determines the distance of an object under water by recording echoes of sound waves

**9.** the transfer of heat within a material or between materials that are touching