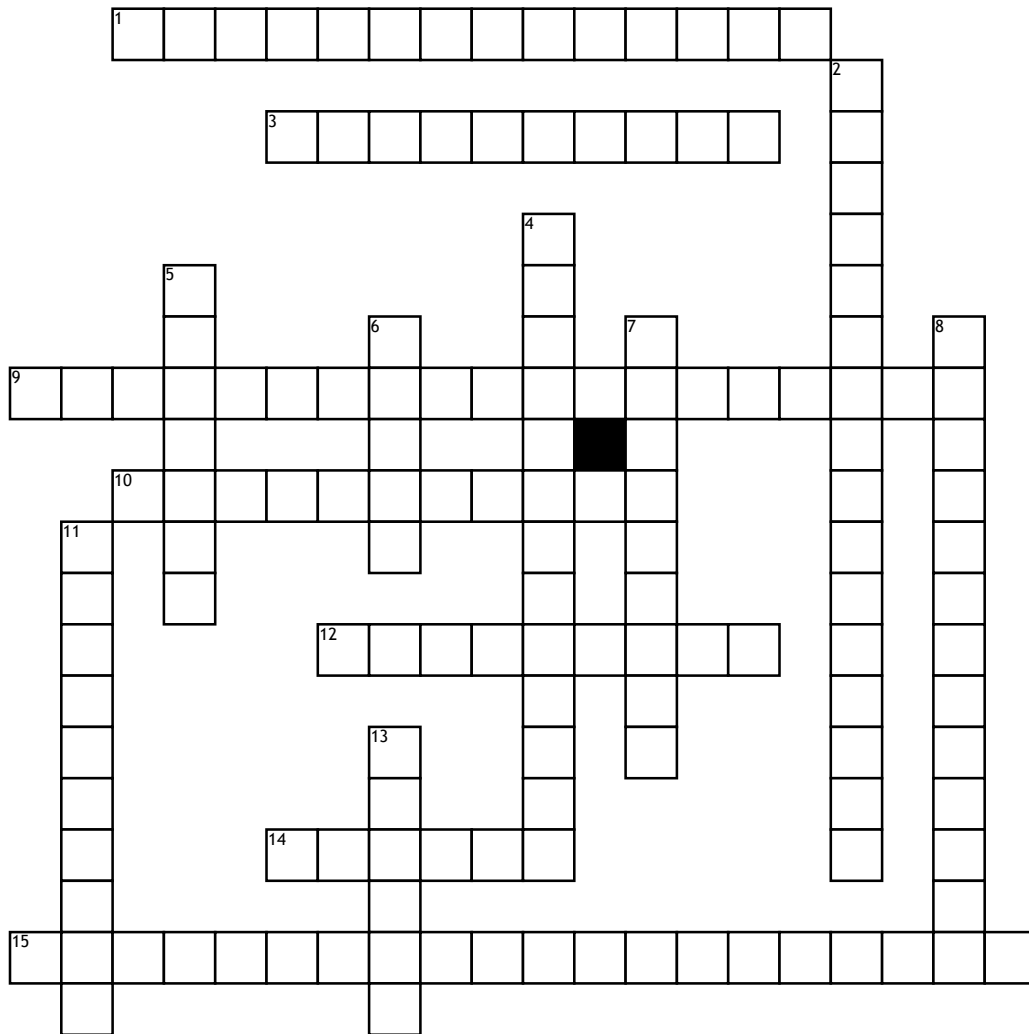


Name: _____

Date: _____

forces that change the earth



Across

- 1. travel independently over the mantle
- 3. divergent plate boundary spreading apart
- 9. plate boundary where the motion is predominantly horizontal
- 10. includes the crust and the uppermost mantle
- 12. below its mantle

14. between the crust and the core

15. areas on Earth where two or more lithospheric plates collide

Down

- 2. a change in a planet's magnetic field such that the positions of magnetic north and magnetic south
- 4. where two tectonic plates are pulling apart

5. total mass divided by its total volume

6. outermost layer of a planet

7. earth's inner most part

8. upper part of the earth's mantle

11. sideways and downward movement of the edge of a plate of the earth's crust into the mantle beneath another plate.

13. Alfred Wegener found out about it

Word Bank

inner core
lithosphere
mantle
subduction

tectonic plates
asthenosphere
transform boundaries
pangea

magnetic reversal
convergent boundaries
rift valley
crust

outer core
density
mid-ocean ridge