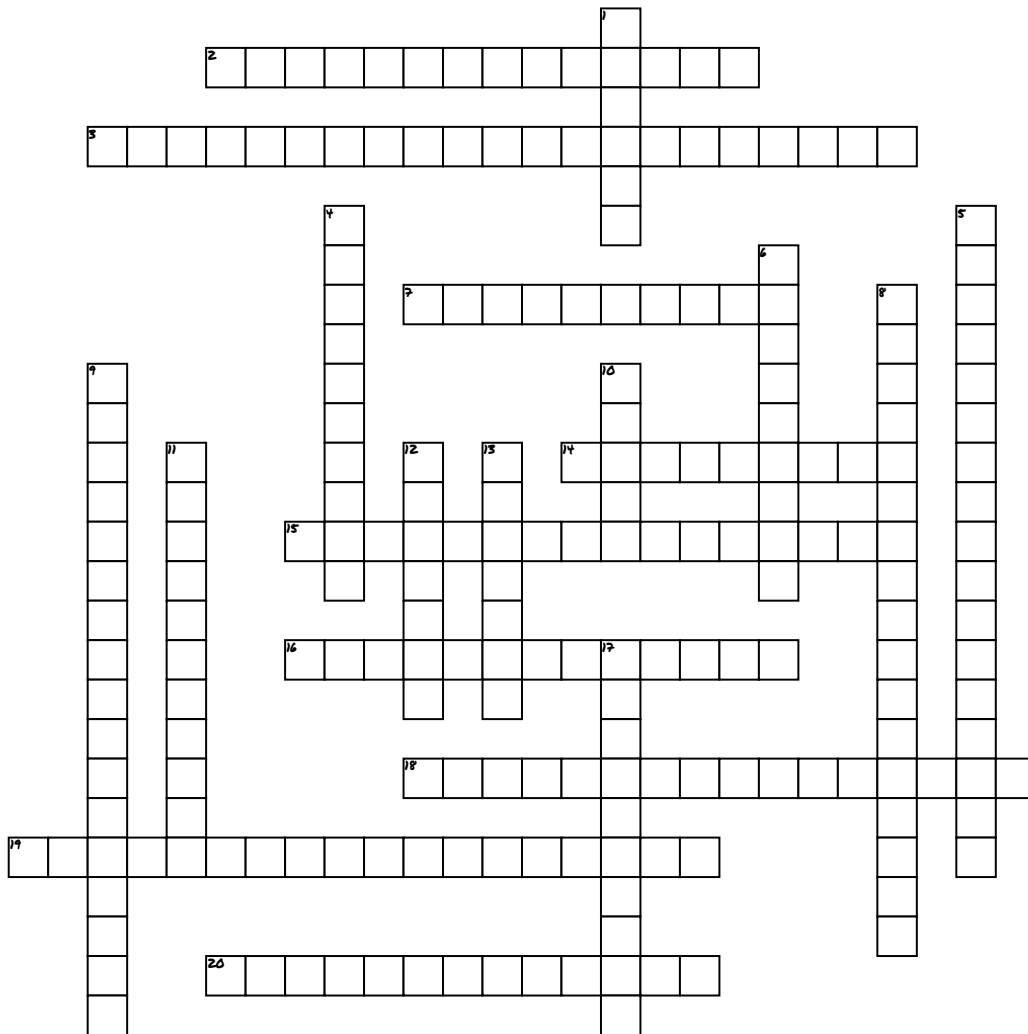


Name: _____ Date: _____ Period: _____

PLATE TECTONICS



ACROSS

2. PIECES OF EARTH'S CRUST AND UPPERMOST MANTLE
 3. KNOWLEDGE OF EARTH'S PLATES, THE SEA FLOOR, AND THE ASTHENOSPHERE
 7. WHEN ONE PLATE SINKS BENEATH ANOTHER
 14. A LAYER OF LIQUID METALS THAT SURROUNDS THE INNER CORE
 15. GRADUAL MOVEMENT OF CONTINENTS DURING GEOLOGICAL TIME
 16. UNDERWATER MOUNTAIN RANGE FORMED BY PLATE TECTONICS

DOWN

1. EARTH'S THICKEST LAYER
 4. ENERGY TRANSFER BY THE MOVEMENT OF A MATERIAL
 5. OCCURS WHERE PLATES SCRAPE PAST EACH OTHER
 6. A BALL OF HOT, SOLID METAL
 8. MOTION THAT TRANSFERS HEAT ENERGY IN A MATERIAL
 9. OCCURS WHEN PLATES MOVE APART
 10. A THIN LAYER OF COOL ROCK
 11. EARTH'S CRUST AND THE VERY TOP OF THE MANTLE
 12. HEATED ROCK RISES IN PLUMES, OR THIN COLUMNS, FROM THE MANTLE
 13. SUPERCONTINENT
 17. AS A RIDGES CONTINUE TO WIDEN A GAP CALLED _____ FORMS

WORD BANK

CONTINENTAL DRIFT
 CONVECTION
 MID-OCEAN RIDGE
 CRUST
 MANTLE

ASTHENOSPHERE
 PANGAEA
 DIVERGENT BOUNDARY
 CONVECTION CURRENT
 OUTER CORE

RIFT VALLEY
 TECTONIC PLATES
 TRANSFORM BOUNDARY
 INNER CORE
 LITHOSPHERE

THEORY OF PLATE TECTONIC
 CONVERGENT BOUNDARY
 HOT SPOT
 MAGNETIC REVERSAL
 SUBDUCTION