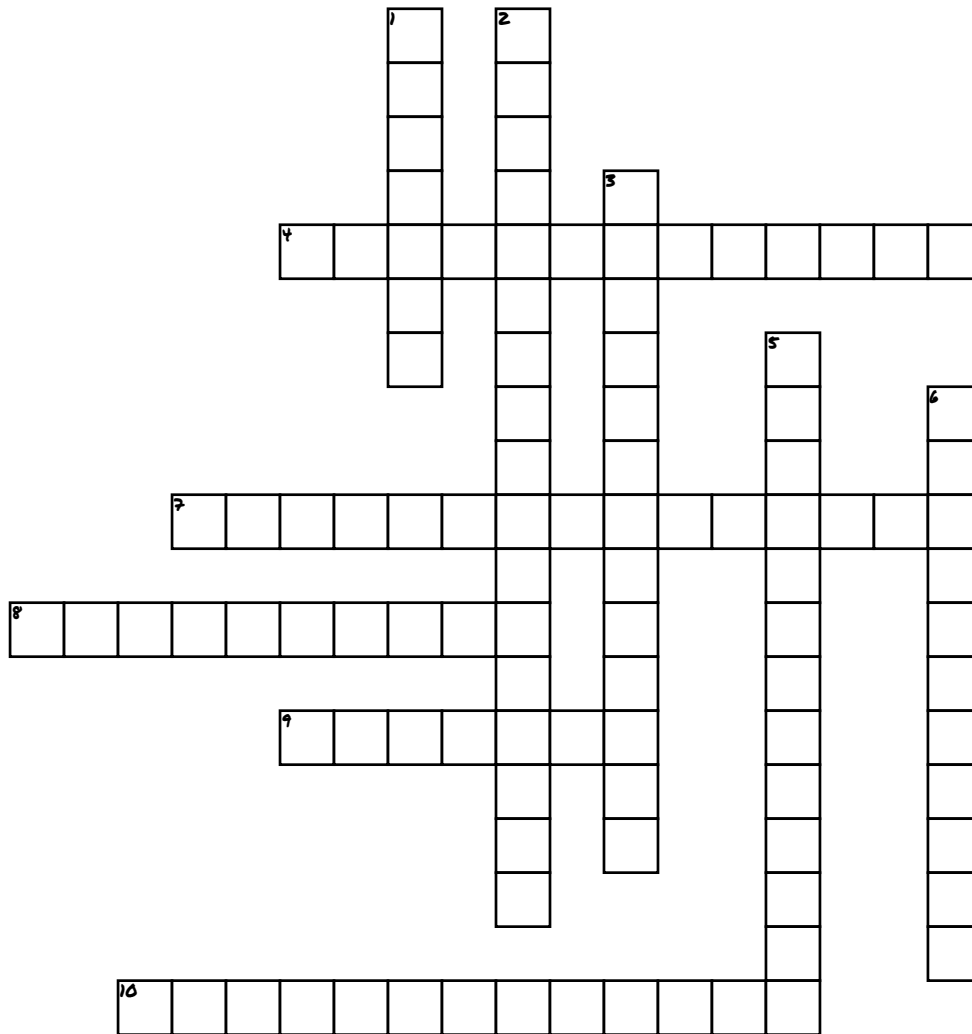


Name: _____ Date: _____ Period: _____

SCIENCE UNIT 4



ACROSS

4. AN ELECTRICAL MACHINE THAT CONVERTS ELECTRICAL ENERGY INTO MECHANICAL ENERGY

7. A CIRCUIT THAT IS DIVIDED INTO TWO OR MORE PATHS

8. THE OPPOSITION PRESENTED TO CURRENT BY MATERIAL OR DEVICE; MEASURED IN OHMS

9. POTENTIAL DIFFERENCE BETWEEN TWO POINTS; MEASURED IN VOLTS

10. A CLOSED CIRCUIT IN WHICH THE CURRENT FOLLOWS ONE PATH

DOWN

1. RATE AT WHICH CHARGES PASS THROUGH A GIVEN POINT; MEASURED IN AMPERES

2. A DEVICE THAT CONVERTS MECHANICAL ENERGY TO ELECTRICAL ENERGY

3. AN ELECTRIC CURRENT FLOWING IN A SINGULAR DIRECTION

5. TEMPORARY MAGNETS; A MAGNET PRODUCED BY CREATING A MAGNETIC FIELD BY CONDUCTING ELECTRIC CURRENT THROUGH A WIRE WRAPPED AROUND AN IRON CORE

6. AN ELECTRIC CURRENT THAT SWITCHES DIRECTION UP TO 60 TIMES A SECOND

WORD BANK

VOLTAGE

CURRENT

ELECTRIC MOTOR

DIRECT CURRENT

ELECTROMAGNET

RESISTANCE

PARALLEL CIRCUIT

SERIES CIRCUIT

ELECTRIC GENERATOR

ALTERNATING