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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Electromagnetism

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1  G | A | L | V | A | N | O | M | E | T | E | R |  |  |
|  |  |  |  | 2  T | U | R | B | I | N | E |  |  |  |  |
|  |  | 3  A | L | T | E | R | N | A | T | I | N | G |  |  |
|  | 4  E | L | E | C | T | R | I | C | M | O | T | O | R |  |
| 5  E | L | E | C | T | R | I | C | C | U | R | R | E | N | T |
| 6  E | L | E | C | T | R | O | M | A | G | N | E | T | I | C |
|  |  |  | 7  S | O | L | E | N | O | I | D |  |  |  |  |
|  | 8  M | A | G | N | E | T | I | C | F | I | E | L | D |  |
|  |  |  | 9  I | N | D | U | C | T | I | O | N |  |  |  |
|  | 10  E | L | E | C | T | R | O | M | A | G | N | E | T |  |
|  |  | 11  F | E | R | R | O | M | A | G | N | E | T |  |  |
|  |  |  |  |  | 12  P | O | L | E | S |  |  |  |  |  |
|  |  | 13  T | R | A | N | S | F | O | R | M | E | R |  |  |
|  |  |  | 14  G | E | N | E | R | A | T | O | R |  |  |  |
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| **Across**  **1.** device used to measure small currents  **2.** device that supples the mechanical energy to turn the armature of a generator  **3.** type of current the consists of charges that move back and forth in a circuit  **4.** transforms electric energy into mechanical energy (two words)  **5.** What is used to turn the pointer of a galvanometer? (two words)  **6.** form of energy consisting of changing electric and and magnetic fields  **7.** a coil of wore with a current  **8.** What is produced when there us a current in the primary coil of a transformer? (two words)  **9.** process of generating an electric current from the motion of a conductor in a magnetic field  **10.** a solenoid with a ferromagnetic core  **11.** material that can be magnetized  **12.** the two ends of a solenoid act like  **13.** device that increases or decreases voltage is called  **14.** transforms mechanical energy into electrical energy | **Down** |