Electricity Crossword #1

Complete the crossword puzzle below using the clues on the next page.

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| **8** | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | **9** | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 |
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| blankjpg2 | darkjpg2 | **15** | darkjpg2 | darkjpg2 | **16** | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | darkjpg2 |
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| **18** | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | **19** | darkjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | darkjpg2 |
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| darkjpg2 | darkjpg2 | **22** | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | **23** |
| darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | blankjpg2 |
| darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | **24** | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | darkjpg2 | blankjpg2 |
| darkjpg2 | darkjpg2 | darkjpg2 | **25** | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | darkjpg2 | blankjpg2 | darkjpg2 | darkjpg2 | blankjpg2 |
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**Clues**

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| **Down**   |  |  | | --- | --- | | 1. | What we see when electrons jump from one object to another. |  |  |  | | --- | --- | | 2. | Can be either positive or negative. |  |  |  | | --- | --- | | 3. | Movement of electrons around a circuit. |  |  |  | | --- | --- | | 4. | For example silicon, when combined with another substance to improve its conducting abilities. |  |  |  | | --- | --- | | 7. | The type of charges that repel each other. |  |  |  | | --- | --- | | 8. | When an object's atoms contain equal numbers of protons and electrons. |  |  |  | | --- | --- | | 9. | Material through which charged particles move easily. |  |  |  | | --- | --- | | 11. | The name of the hypothetical flow of positive charge around a circuit. |  |  |  | | --- | --- | | 12. | General term related to the presence and flow of electric charge. |  |  |  | | --- | --- | | 14. | When the electric charge stays on an object without moving. |  |  |  | | --- | --- | | 15. | Formed when an atom loses or gains electrons. |  |  |  | | --- | --- | | 16. | Insulating coating on electrical wires are commonly made of this. |  |  |  | | --- | --- | | 19. | What occurs inside a battery to separate charges. |  |  |  | | --- | --- | | 23. | A diagram representing a circuit component e.g. a light globe. | |  | **Across**   |  |  | | --- | --- | | 5. | Machine that uses a rubber belt and silver dome and creates electrostatic charge. (3 words) |  |  |  | | --- | --- | | 6. | Unit that measures electric current. |  |  |  | | --- | --- | | 8. | The type of charges that attract each other. |  |  |  | | --- | --- | | 10. | Material through which charged particles cannot move. |  |  |  | | --- | --- | | 13. | Another name for a battery. (2 words) |  |  |  | | --- | --- | | 17. | What most electrical wires are made of. |  |  |  | | --- | --- | | 18. | Machine that uses an electromagnetic effect to separate charges. |  |  |  | | --- | --- | | 20. | Sub-atomic particle that carries a negative electric charge. |  |  |  | | --- | --- | | 21. | Method of transferring electrons from one object to another. |  |  |  | | --- | --- | | 22. | Closed conducting pathway. |  |  |  | | --- | --- | | 24. | Ends of a battery where conducting wires are connected. |  |  |  | | --- | --- | | 25. | Sub-atomic particle that carries a positive electric charge. |  |  |  | | --- | --- | | 26. | A car battery is an example of this. (2 words) | |