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

Layers Of The Atmosphere

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|  |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |
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| **Across**  **1.** The layer of the atmosphere that is able to reflect radio waves and lies above the mesosphere.  **3.** The region of the atmosphere above the mesosphere and below the height at which the atmosphere ceases.  **5.** The lowest region of the atmosphere, extending from the Earth's surface to the height of about 3.7-6.2miles.  **10.** Relating to or located in the atmosphere.  **12.** Space available in the atmosphere immediately above Earth.  **13.** Makes up about 21% of the total atmosphere.  **14.** The atmosphere of an environment.  **15.** The outer limit of the magnetosphere.  **16.** A colorless, odorless gas produced by burning carbon and organic compounds and by respiration .  **17.** An electromagnet radiation with a wavelength from 10nm to 400nm. | **Down**  **2.** The layer of the earth's atmosphere above the troposphere, extending to about 32 miles above the Earth's surface.  **4.** The interface between the troposphere and stratosphere.  **6.** The region surrounding Earth in which its magnetic field is the predominant effective magnetic field.  **7.** Water in a vaporous form diffused in the atmosphere but below boiling temperature.  **8.** A layer in the Earth's atmosphere that blocks out harmful ultraviolet rays from the sun.  **9.** Makes up about 78% of the total atmosphere.  **11.** The region of Earth's atmosphere above the stratosphere and below the thermosphere. |