

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

## Chapter 2 vocabulary - Weather Factors

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|--|--------------------------|
| 1. Waves that transfer electric and magnetic energy through the vacuum of space                          | A. Thermal energy        |
| 2. The direct transfer of energy by electromagnetic waves  | B. Ultraviolet radiation |
| 3. Electromagnetic waves with wavelengths that are longer than visible light but shorter than microwaves | C. Infrared radiation    |
| 4. Electromagnetic waves with wavelengths that are shorter than visible light but longer than x-rays     | D. Electromagnetic waves |
| 5. Reflection of light in all directions   | E. Scattering            |
| 6. The process by which heat is trapped in the atmosphere by gases that form a "blanket" around Earth    | F. Heat                  |
| 7. A measure of how hot or cold an object is compared to a reference point                               | G. Greenhouse effect     |
| 8. The total energy of motion in the particles of a substance  | H. Radiation             |
| 9. An instrument used to measure temperature   | I. Thermometer           |
| 10. The transference of thermal energy from one object to another because of a difference in temperature | J. Temperature           |