

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

# Convections and Mantle

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|---|------------------------|
| 1. The direct transfer of energy through space by electromagnetic waves   | A. Convection          |
| 2. Transfer of thermal energy by direct contact; occurs when energy is transferred by collision between particles                       | B. mid-oceanic ridge   |
| 3. A type of thermal energy transfer that occurs from the motion of fluid in liquid or gas that is caused by differences in temperature | C. zone of convergence |
| 4. The ratio of the mass of a substance to the volume of the substan  | D. Convection Currents |
| 5. The movement of a fluid, caused by differences in temperature, that transfers heat from one part of the fluid to another             | E. spreading center    |
| 6. the deep ocean floor   | F. abyssal plain       |
| 7. the middle layer of the ocean floor  | G. Radiation           |
| 8. final division layer the deepest part of the surface of the plan   | H. subduction zone     |
| 9. When the floating plates spread apart  | I. Conduction          |
| 10. When the plates are moving together   | J. ocean trench        |
| 11. When the tectonic plates are forced together  | K. Density             |