Tectonic Plates Summative

Directions: You have been given a map showing several moving tectonic plates. Below, there is a list of boundaries you must answer questions for. For each boundary where two plates are next to each other, you must:

a. Identify whether the boundary of the plates is convergent, divergent, or transform.

b. Indicate what land feature(s) ought to be located at or near that boundary. (Rift valley, mid-ocean ridge, mountain range, volcano, earthquake fault zone, trench.)

c. Explain the mechanisms that cause the land feature(s) to form at the boundary.

1. Boundary A+B
2. Boundary A+C

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| Category | 4 points | 3 points | 2 points |
| Classification | The tectonic plate boundary is correctly identified as divergent, convergent, or transform. |  | The tectonic boundary is incorrectly identified as divergent, convergent, or transform. |
| Land Feature | All the features typical of the location are correctly identified. | Some of the features typical of the location are correctly identified. | No features typical of the location are correctly identified. |
| Explanation (x3 pts.) | There is a clear explanation of how the tectonic plate movements can cause the correctly identified land features. Full and complete sentences are used, and there are no indefinite pronouns. | There is an explanation, but it is incomplete or unclear. Sentences are incomplete, and indefinite pronouns are used. | There is no explanation, or it is mostly incomplete and unclear and/or discusses the wrong features. |

1. Boundary C+D

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| Plate A  Continental | Plate B  Continental |
| Plate C  Oceanic | Plate D  Oceanic |