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| *Indicate the answer choice that best completes the statement or answers the question.* |

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| 1. Which waves travel the deepest into the center of Earth? |

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| 2. Looking at the figure that shows world-wide earthquake distribution, the white lines represent plate boundaries. What is a conclusion you can make about the relationship of earthquakes and plate boundaries?

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| 3. Define earthquake |

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| 4. What is the difference between the focus and the epicenter? |

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| 5. If you wanted to avoid earthquakes, which would be the best choice of location?

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| 6. What are the three locations where volcanoes can form? |

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| 7. What do the two maps have in common? |

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| 8. What happened to the global temperature after the Pinatubo eruption?

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|   | a.  | It stayed the same |
|   | b.  | It never changed |
|   | c.  | It decreased |
|   | d.  | It increased |

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| 9. A normal fault occurs where forces pull two blocks of rock apart. At which kind of plate boundary does this occur? Why?

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| 10. What is the difference between the Modified Mercalli Scale and the Richter scale? |

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| 11. Define Volcano. Also, where do volcanoes typically occur? Can they occur on the ocean floor? |