

Plate Boundary*:

Check all that apply:

- | | |
|---|---|
| 1. <input type="checkbox"/> There are steep, <i>composite cone</i> volcanoes. | 7. <input type="checkbox"/> This is a subduction zone. |
| 2. <input type="checkbox"/> There is an ocean trench here. | 8. <input type="checkbox"/> The mantle below this area is relatively cool. |
| 3. <input type="checkbox"/> <i>Relatively</i> violent eruptions of lava <i>can</i> occur. | 9. <input type="checkbox"/> New ocean crust is being created here. |
| 4. <input type="checkbox"/> <i>Relatively</i> gentle eruptions of lava <i>can</i> occur. | 10. <input type="checkbox"/> The mantle below this area is relatively hot. |
| 5. <input type="checkbox"/> Shallow earthquakes (in the crust) can happen here. | 11. <input type="checkbox"/> There are tall mountains here, but there are no volcanoes. |
| 6. <input type="checkbox"/> Deep earthquakes (in mantle) can happen here. | 12. <input type="checkbox"/> There are rounded, <i>shield</i> volcanoes. |
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