Sci 8 Volcano Worksheet Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| What is the difference between lava and magma? |  |
| What type of boundary tends to have the majority of volcanoes? |  |
| How are volcanoes formed? Remember to discuss plate movement. |  |
| What is formed when two ocean plates converge? |  |
| What two things are formed when an oceanic plate converges with a continental plate? |  |
| What do hot spots form? Give an example where they have formed. |  |
| How do hot spot islands form? Explain in a step-by-step format. |  |
| In a hot spot scenario,   1. what is it that moves? 2. what remains stationary? |  |
| 1. What is formed when two continental plates collide? 2. Why doesn’t one of the plates subduct? |  |
| Which Volcanoes tend to be more explosive? |  |
| Which volcanoes are least explosive? |  |
| What main type of volcanoe would you expect to find in the Pacific Ring of Fire? |  |