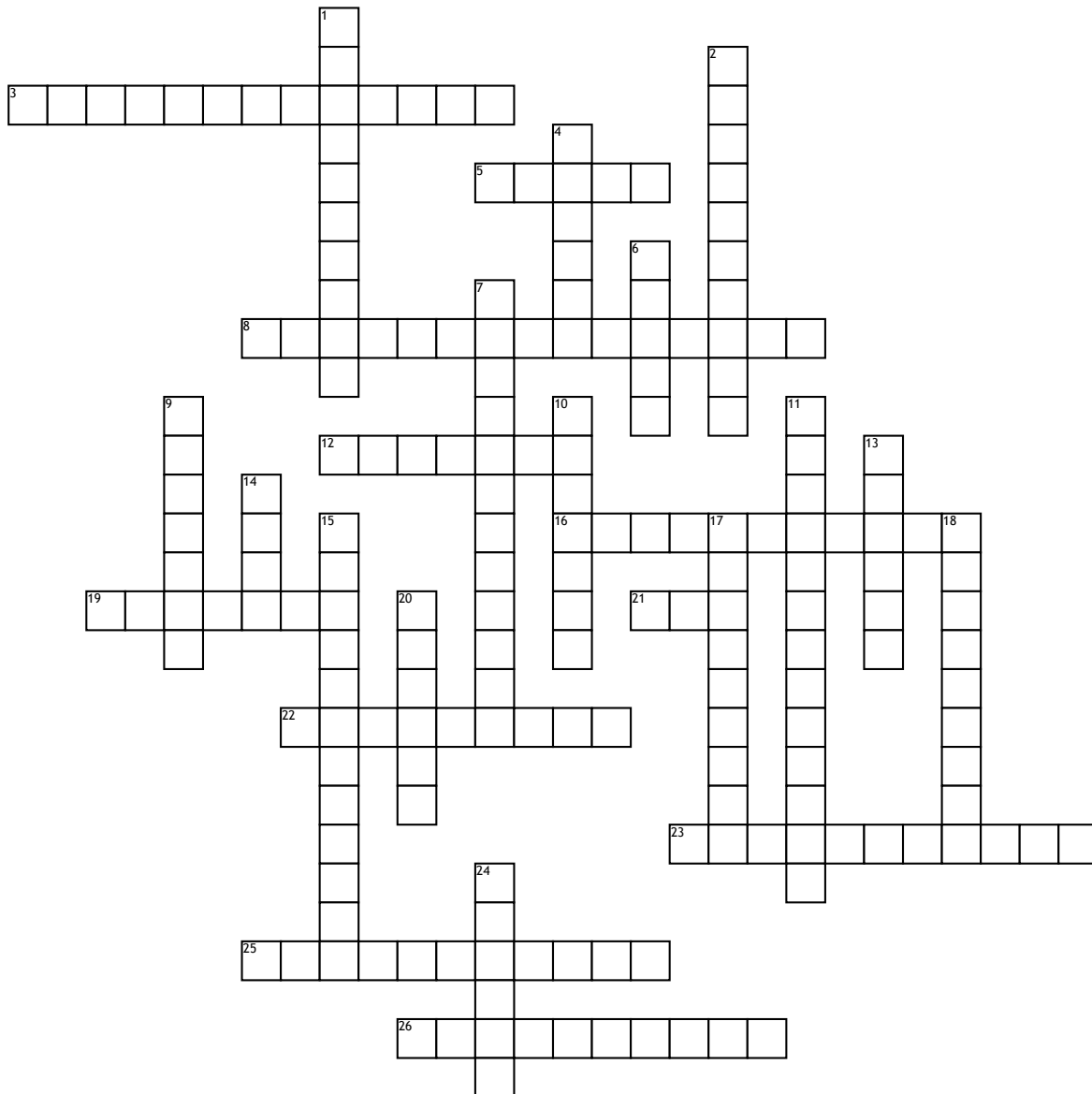


Name: _____

Chapter 1 - Volcanoes and Earthquakes



Across

- 3. places where the plates meet
- 5. breaks in the earth's surface along which rock can move
- 8. avalanche-like emission of red-hot dust and gases
- 12. forms where a crack in the earth's crust allows magma and gases to come to the surface
- 16. vibrations of energy flowing from the focus
- 19. giant ocean wave
- 21. volcanic fog
- 22. water heated by hot magma
- 23. used to detect, time, and measure the movements of the earth

25. crust and upper area of the mantle

26. released energy that causes vibrations in the earth's surface

Down

- 1. area around the Pacific Ocean where volcanoes occur most
- 2. mud and rock fragments that surge down a mountain when part of it collapses
- 4. a hot spring that contains more mud than water
- 6. beginning point of an earthquake
- 7. pockets of molten rock in the earth's lithosphere
- 9. kind of rock a volcano produces

10. places where a pool of intensely hot magma rises toward the surface

11. scientists who study volcanoes

13. large pieces of the lithosphere

14. magma that breaks the earth's surface

15. scientist who studies the movement of the earth

17. strength of an earthquake's seismic waves

18. point on Earth's surface directly above the focus

20. a hot spring that periodically blows steam and hot water into the air

24. mixture of cinders, ash, and rock discharged by a volcano