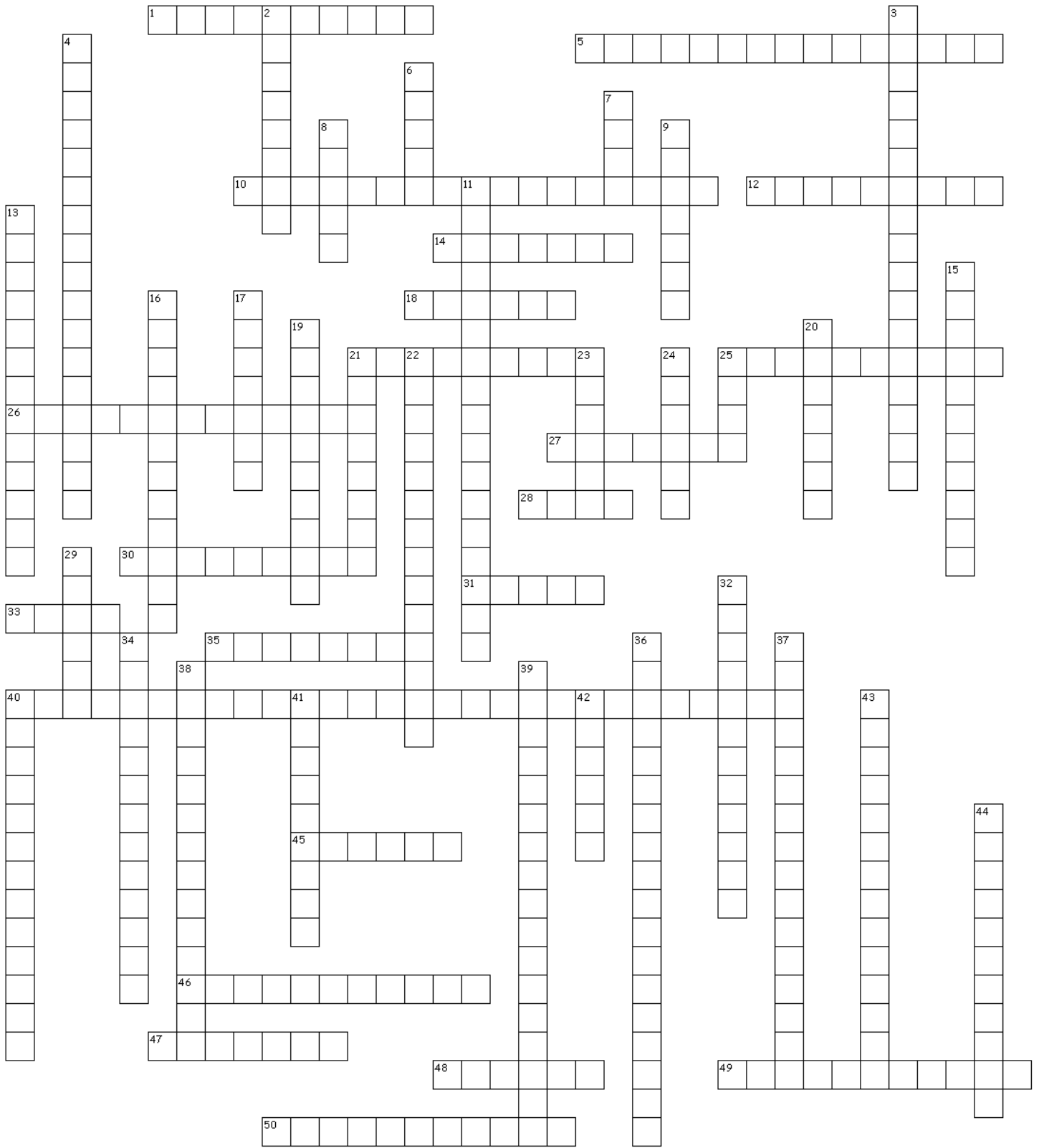


Earth and Life History
Earth History Review Puzzle

Name:

Period:



Earth and Life History

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Earth History Review Puzzle

Period:

Fill out the crossword, and write the answers to the clues on the lines below. You can use Chapter 9 of the text-book to help you. The clues are in random order from this chapter. The page for each answer is in [].

Across

- _____ 1. this word describes the fossil record because only a small fraction of organisms in Earth's history have been preserved [267]
- _____ 5. famous transform boundary in California (3 words) [271]
- _____ 10. place where tectonic plates move away from each other (2 words) [271]
- _____ 12. famous reptiles that lived during the Mesozoic Era [281]
- _____ 14. name of supercontinent that formed about 245 million years ago [273]
- _____ 18. trace or remains of an organism that lived long ago [264]
- _____ 21. type of trace fossil that is preserved poop [266]
- _____ 25. organisms with a nucleus that formed after prokaryotes had been on Earth for a while [279]
- _____ 26. when an organism's tissues get replaced by minerals as it becomes a fossil [265]
- _____ 27. periods of time when Earth's climate is very cold (2 words) [282]
- _____ 28. made when sediment fills in a mold [266]
- _____ 30. era of time that means "ancient life" [280]
- _____ 31. sticky tree sap that traps insects [264]
- _____ 33. largest divisions of Earth's history [277]
- _____ 35. index fossil that was like a squid with a shell [269]
- _____ 40. extinction at the end of the Mesozoic Era that wiped out about half of the species on Earth (3 words) [281]
- _____ 45. type of trace fossil that was a shelter for the animal [266]
- _____ 46. evidence of animal activity in the past (2 words) [266]
- _____ 47. fancy word for sticky stuff at the La Brea Tar Pits [265]
- _____ 48. famous mammals that appeared very late in the Cenozoic Era [282]
- _____ 49. thin cool "skin" of Earth [270]
- _____ 50. first organisms to appear on Earth; do not have a nucleus [279]

turn over for more clues

Earth and Life History
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Down

- _____ 2. era of time that means "middle life" [281]
- _____ 3. term that refers to appearance of lots of forms of life in the Cambrian Era (2 words) [280]
- _____ 4. extinction at the end of the Cambrian Era that wiped out almost all life on Earth (2 words) [280]
- _____ 6. layer around Earth that reduces radiation from the sun [279]
- _____ 7. open space left by an organism when it is buried in sediment & then rots away [266]
- _____ 8. location where life began on Earth [279]
- _____ 9. eras are divided up into these [277]
- _____ 11. place where tectonic plates slide past each other (2 words) [271]
- _____ 13. another name for the Mesozoic Era (3 words) [281]
- _____ 15. general name for a very common fossil that can be used to date rock layers (2 words) [268]
- _____ 16. another name for the Cenozoic Era (3 words) [282]
- _____ 17. type of animals that survived the extinction at the end of the Mesozoic Era, and grew to dominate the Cenozoic Era [282]
- _____ 19. when every member of a species dies out [278]
- _____ 20. type of animal found frozen; extinct relative of the elephant [265]
- _____ 21. era of time that means "recent life" [282]
- _____ 22. process that cyanobacteria used that created oxygen [279]
- _____ 23. periods are divided up into these [277]
- _____ 24. gas created by cyanobacteria during photosynthesis [279]
- _____ 25. eons are divided up into these [277]
- _____ 29. thick layer of solid rock that tectonic plates sit on [270]
- _____ 32. history of life in the geologic past (2 words) [267]
- _____ 34. place where 2 or more tectonic plates meet (2 words) [271]
- _____ 36. place where tectonic plates move towards each other (2 words) [271]
- _____ 37. term describing how continents have moved around on Earth's surface [272]
- _____ 38. lithosphere is broken up into these smaller chunks that move around (2 words) [270]
- _____ 39. chart used to divide up Earth's history (3 words) [276]
- _____ 40. prokaryotes that first created oxygen for Earth [279]
- _____ 41. index fossil that is an ancient relative of the horseshoe crab [268]
- _____ 42. trace fossils that show how big an animal was and how fast it was moving [266]
- _____ 43. theory that explains how the plates on Earth's surface move around (2 words) [270]
- _____ 44. type of rock that fossils are usually found in [264]