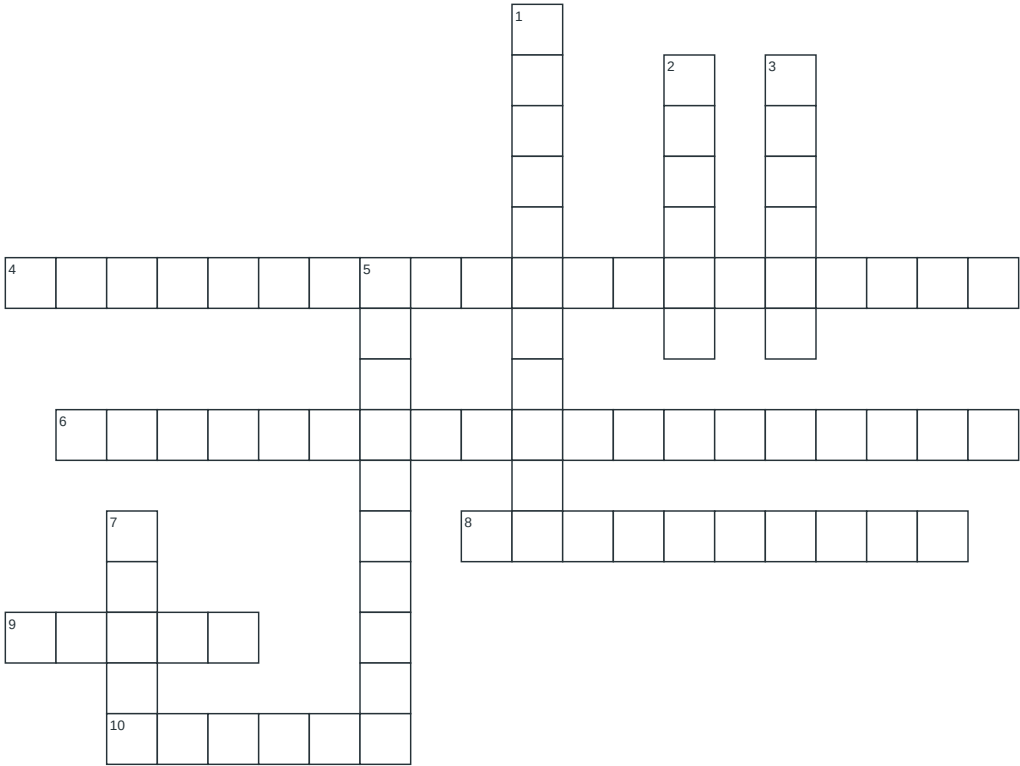


Earthquakes and Seismic Waves Crossword

Easy | 10 clues | Student Worksheet

Name: _____ Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

- 4. The surface point directly above its focus
- 6. Shaking and effects at a particular location
- 8. A recorded trace of ground motion
- 9. A rock can consist of one or more minerals
- 10. Seismic waves that travel through solids but not liquids

DOWN

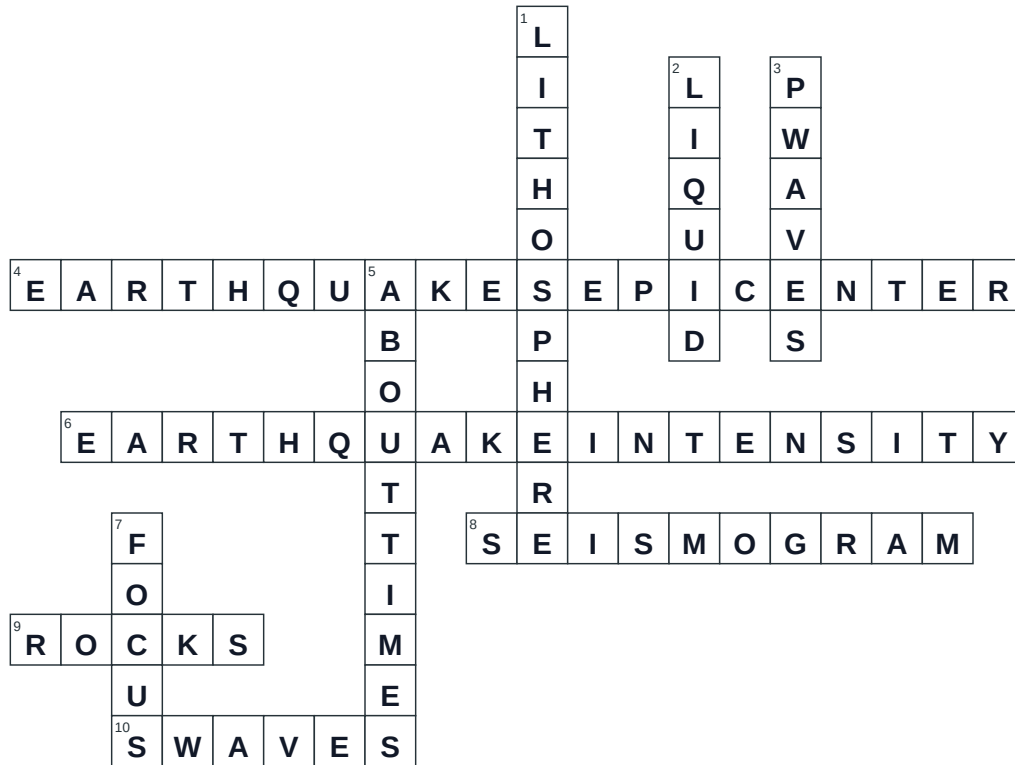
- 1. Rigid outer layer of Earth made of the crust and uppermost mantle.
- 2. Definition of the physical state of Earth's outer core
- 3. Fast seismic waves that travel through solids and liquids
- 5. A magnitude increase of one unit corresponds to roughly how much more released seismic energy
- 7. The location where rupture begins inside Earth

Earthquakes and Seismic Waves Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

- Earthquake's Epicenter
- Earthquake Intensity
- Seismogram
- Rocks
- S Waves

DOWN

- Lithosphere
- Liquid
- P Waves
- About 32 Times
- Focus

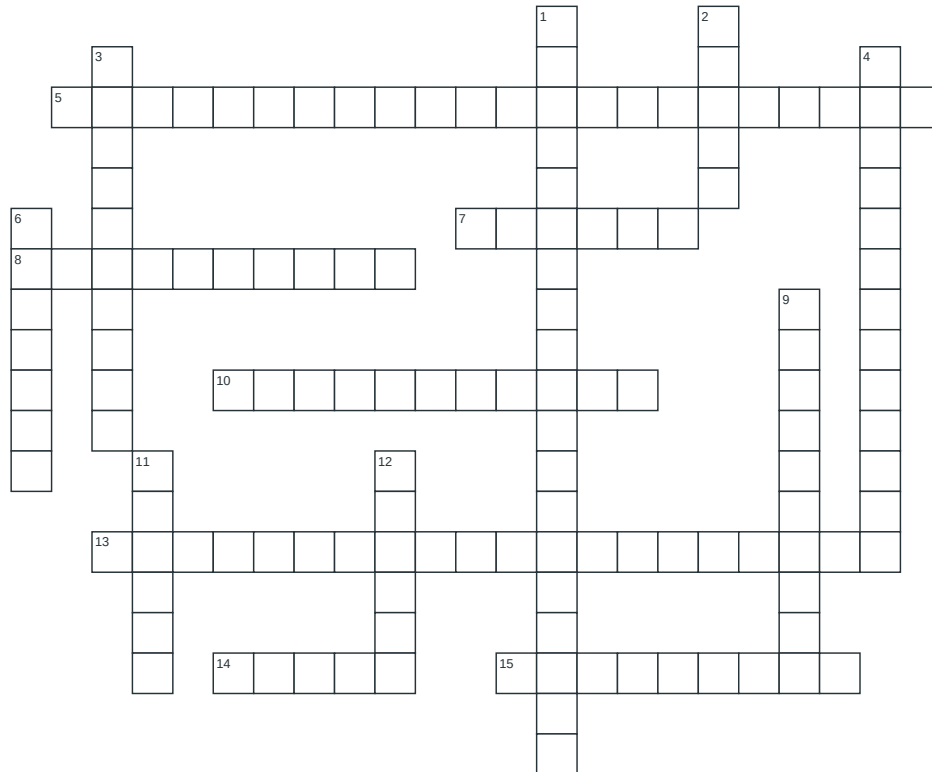
Earthquakes and Seismic Waves Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

5. Way in which fast do most tectonic plates move
7. Definition of the physical state of Earth's outer core
8. A magnitude increase of one unit corresponds to roughly how much more released seismic energy
10. Rigid outer layer of Earth made of the crust and uppermost mantle.
13. The surface point directly above its focus
14. A rock can consist of one or more minerals
15. At which boundary do plates move apart

DOWN

1. Shaking and effects at a particular location

DOWN (continued)

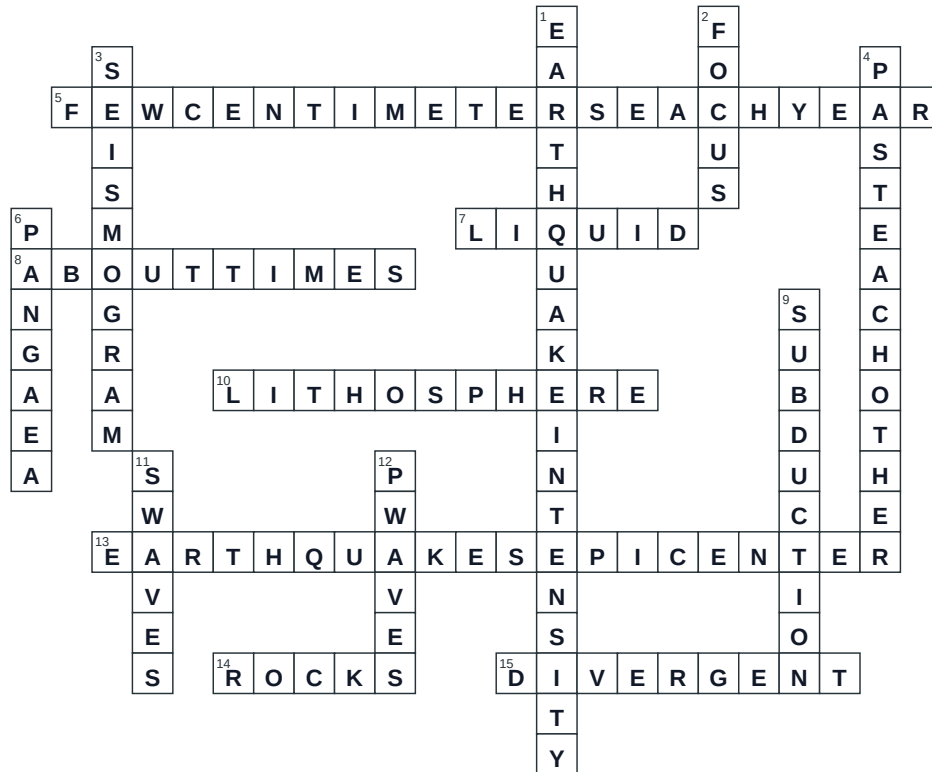
2. The location where rupture begins inside Earth
3. A recorded trace of ground motion
4. At a transform boundary, plates mainly move in which way
6. Ancient supercontinent that included nearly all of Earth's land.
9. One plate descending beneath another
11. Seismic waves that travel through solids but not liquids
12. Fast seismic waves that travel through solids and liquids

Earthquakes and Seismic Waves Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

5. Few Centimeters Each Year
7. Liquid
8. About 32 Times
10. Lithosphere
13. Earthquake's Epicenter
14. Rocks
15. Divergent

DOWN

1. Earthquake Intensity
2. Focus
3. Seismogram
4. Past Each Other
6. Pangaea
9. Subduction
11. S Waves
12. P Waves

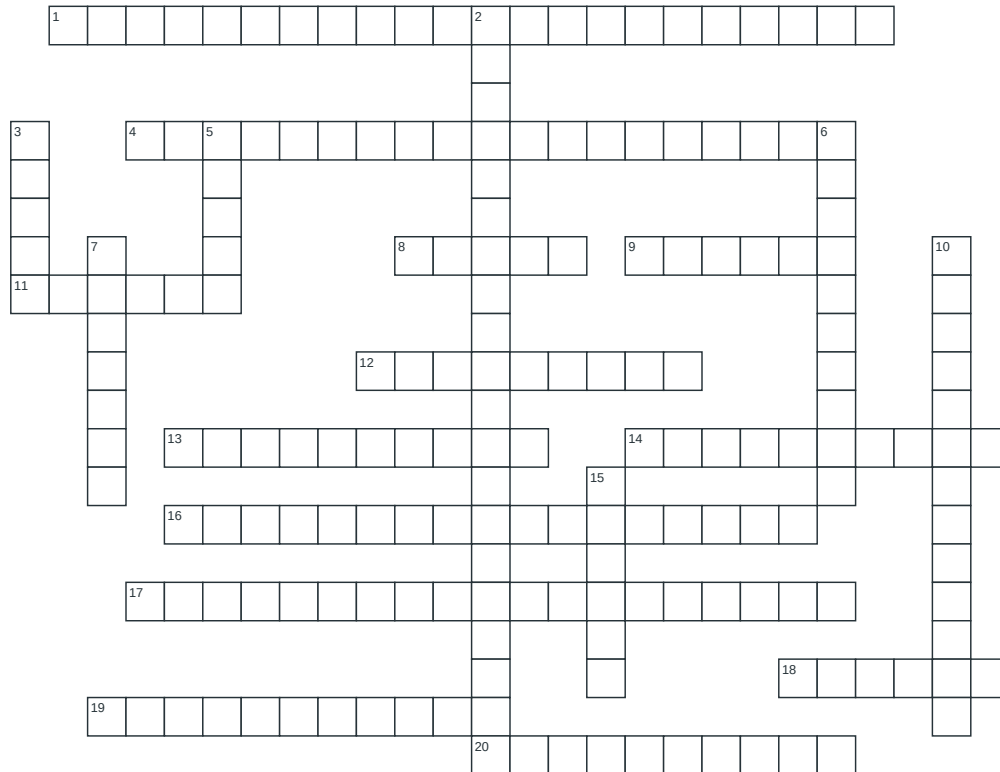
Earthquakes and Seismic Waves Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

1. Way in which fast do most tectonic plates move
4. Commonly forms when two continental plates collide
8. Thin, outermost solid layer of Earth.
9. Definition of the physical state of Earth's outer core
11. Seismic waves that travel through solids but not liquids
12. At which boundary do plates move apart
13. A magnitude increase of one unit corresponds to roughly how much more released seismic energy
14. A recorded trace of ground motion
16. Two oceanic plates converge, and one subducts. Which feature is likely nearby
17. Shaking and effects at a particular location
18. Fast seismic waves that travel through solids and liquids

ACROSS (continued)

19. Rigid outer layer of Earth made of the crust and uppermost mantle.
20. Continental crust begins stretching and breaking along a divergent boundary. Which feature may develop

DOWN

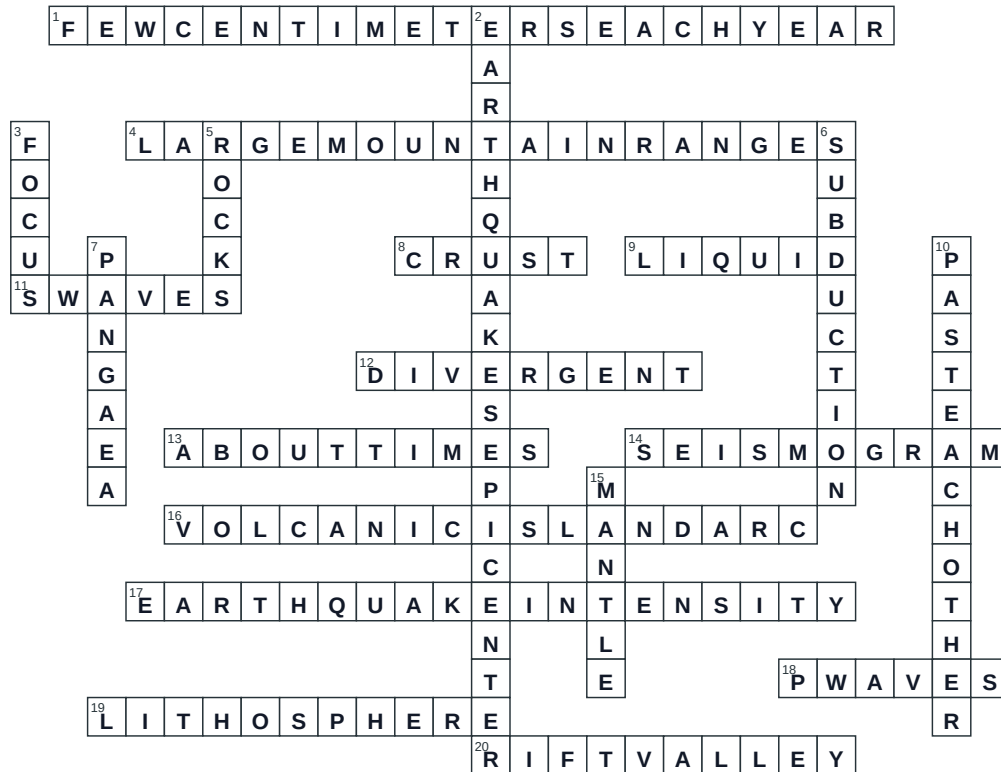
2. The surface point directly above its focus
3. The location where rupture begins inside Earth
5. A rock can consist of one or more minerals
6. One plate descending beneath another
7. Ancient supercontinent that included nearly all of Earth's land.
10. At a transform boundary, plates mainly move in which way
15. Thick layer of hot rock between Earth's crust and core.

Earthquakes and Seismic Waves Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

1. Few Centimeters Each Year
4. Large Mountain Ranges
8. Crust
9. Liquid
11. S Waves
12. Divergent
13. About 32 Times
14. Seismogram
16. Volcanic Island Arc
17. Earthquake Intensity
18. P Waves

ACROSS (continued)

19. Lithosphere
20. Rift Valley

DOWN

2. Earthquake's Epicenter
3. Focus
5. Rocks
6. Subduction
7. Pangaea
10. Past Each Other
15. Mantle