

Earth: Our Home Planet

Earth Science · Answer Key · 10 Questions

1. What is the approximate distance between Earth and the sun?

- A) 150 million kilometers**
- B) 50 million kilometers
- C) 300 million kilometers
- D) 1 billion kilometers

2. Which of Earth's layers makes up the largest percentage of its volume?

- A) Crust
- B) Core
- C) Mantle**
- D) Atmosphere

3. What is the name of the process where tectonic plates slide beneath each other?

- A) Rifting
- B) Faulting
- C) Subduction**
- D) Erosion

4. How long does it take for Earth to complete one revolution around the sun?

- A) 24 hours
- B) 30 days
- C) 365.25 days**
- D) 1 year

5. Which of Earth's spheres is composed of all the water on the planet?

- A) Lithosphere
- B) Atmosphere
- C) Hydrosphere**
- D) Magnetosphere

6. Which gas makes up the largest percentage of Earth's atmosphere?

- A) Oxygen
- B) Carbon Dioxide
- C) Nitrogen**
- D) Hydrogen

7. What are the three main types of rocks in the rock cycle?

A) Granite, Basalt, Sandstone

B) Igneous, Sedimentary, Metamorphic

C) Quartz, Marble, Limestone

D) Diamond, Emerald, Ruby

8. What is the name of Earth's only natural satellite?

A) Venus

B) Moon

C) Mars

D) Europa

9. In what era did dinosaurs flourish?

A) Cenozoic

B) Paleozoic

C) Mesozoic

D) Precambrian

10. What is the name for the pocket of space surrounding Earth where charged particles are controlled by Earth's magnetic field?

A) Atmosphere

B) Biosphere

C) Magnetosphere

D) Lithosphere