

Earth: Our Home Planet

Earth Science · Practice Test · 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