

Name: _____ Date: _____

Planet Earth Multiple Choice Questions

Circle the correct answer.

1. When seen from space the Earth looks
 - a. Blue
 - b. Green
 - c. Black
 - d. Grey

2. Where is Earth among the planets in distance away from the Sun?
 - a. Closest or first
 - b. Third
 - c. Sixth
 - d. Furthest

3. Earth
 - a. Revolves around the Sun
 - b. Rotates on its axis
 - c. Both a. and b. above
 - d. None of the above

4. A sidereal day
 - a. Has 24 hours
 - b. Is shorter than a solar day
 - c. Is longer than a solar day
 - d. Occurs in leap year

5. The surface of Earth is
 - a. 71% ocean
 - b. 50% ocean
 - c. 29% ocean
 - d. 10% ocean

6. Earth's atmosphere is made up of mostly
 - a. Carbon dioxide and water
 - b. Dust
 - c. Clouds
 - d. Nitrogen and oxygen



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Planet Earth Short Answer Questions

1. Ferdinand Magellan was the first person to prove that the Earth is round. Explain how he accomplished this. If you don't know the answer, look it up.
2. Do some research and make a collage of pictures of Earth that have been taken by cameras in space.
3. With your classmates, do some research on the Earth's axis and create a model of the Earth showing how it rotates on this axis.
4. Explain the difference between a solar day and a sidereal day.
5. Do we need to account for solar years and sidereal years on other planets? Explain why or why not.
6. Do some research and write a short report about the layer of Earth's atmosphere called the stratosphere.
7. Would you like to view Earth from space yourself? Explain why or why not.



Planet Earth Answer Key

Multiple Choice

1. a.
2. b.
3. c.
4. b.
5. c.
6. d.

Short Answer

1. Magellan proved the Earth was round by sailing around the world.
2. Individual response
3. Individual response
4. The clock we use divides a day into 24 hours of equal length; this is called a solar day. But Earth takes just 23 hours 56 minutes 4 seconds to rotate on its axis; this is called a sidereal day.
5. Individual response
6. Individual response
7. Individual response

