

## Movements of the Earth

Fill in the blank: -

1. In ancient times, people believed that the Earth was \_\_\_\_\_ and heavenly bodies \_\_\_\_\_ around it.
2. The Earth rotates from \_\_\_\_\_ to \_\_\_\_\_ direction.
3. \_\_\_\_\_ was the first astronomer who said that the Earth spins on its own axis and moves around the Sun.
4. The Earth's orbit is \_\_\_\_\_ in shape.
5. To rotate once on its axis, the Earth takes about \_\_\_\_\_.

Define the following: -

Rotation- \_\_\_\_\_

\_\_\_\_\_

Revolution- \_\_\_\_\_

\_\_\_\_\_

Orbit- \_\_\_\_\_

\_\_\_\_\_

Write short answers: -

Why do we see that the sun rises from the east and sets in the west?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What causes days and nights on the Earth?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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What causes change of seasons on Earth?

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Why do we have leap year? Explain.

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Who was Nicholas Copernicus?

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