

Motions of the Earth

**Define the following: -**

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

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

Orbital Plane- \_\_\_\_\_

Circle of Illumination- \_\_\_\_\_

Leap year- \_\_\_\_\_

Elliptical orbit- \_\_\_\_\_

Summer Solstice- \_\_\_\_\_

Winter Solstice- \_\_\_\_\_

Equinox- \_\_\_\_\_

Earthday- \_\_\_\_\_

**Write short answers: -**

Name the two types of motions earth has?

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\_\_\_\_\_

What would happen if the earth did not rotate?

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Why do we have a leap year?

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Why do we have seasons?

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Why North Pole has continuous daylight for six months?

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On which days, the whole earth experiences equal days and equal nights and why?

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**Write true or false and correct the incorrect statement: -**

The circle of illumination does not coincide with the Tropic of Capricorn.

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The earth is inclined at 98 degrees.

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