

Name: _____ Date: _____

Globe - Latitudes and Longitudes

Q1. Why do we have standard time?

Ans.

Q2. What is the significance of longitude and latitude?

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Q1. Why do we have standard time?

Ans. The local time of places which are on different meridians are bound to differ. For example, it will be difficult to prepare a time-table for trains which cross several longitudes. In India, for instance, there will be a difference of about 1 hour and 45 minutes in the local times of Dwarka in Gujarat and Dibrugarh in Assam. It is, therefore, necessary to adopt the local time of some central meridian of a country as their standard time for the country.

Q2. What is the significance of longitude and latitude?

Ans. To fix the position of a place, it is necessary to know something more than the latitude of that place. For example, that Tonga Islands (in the Pacific Ocean) and Mauritius Islands (in the Indian Ocean) are situated on the same latitude (i.e., 20° S). Now, in order to locate them precisely, we must find out how far east or west these places are from a given line of reference running from the North Pole to the South Pole. These lines of references are called the meridians of longitude.