

Name and surname:

Date:

Group:

1.- Retrace the reference meridian or 0 of the attached drawing with a felt-tip pen or a coloured pencil:

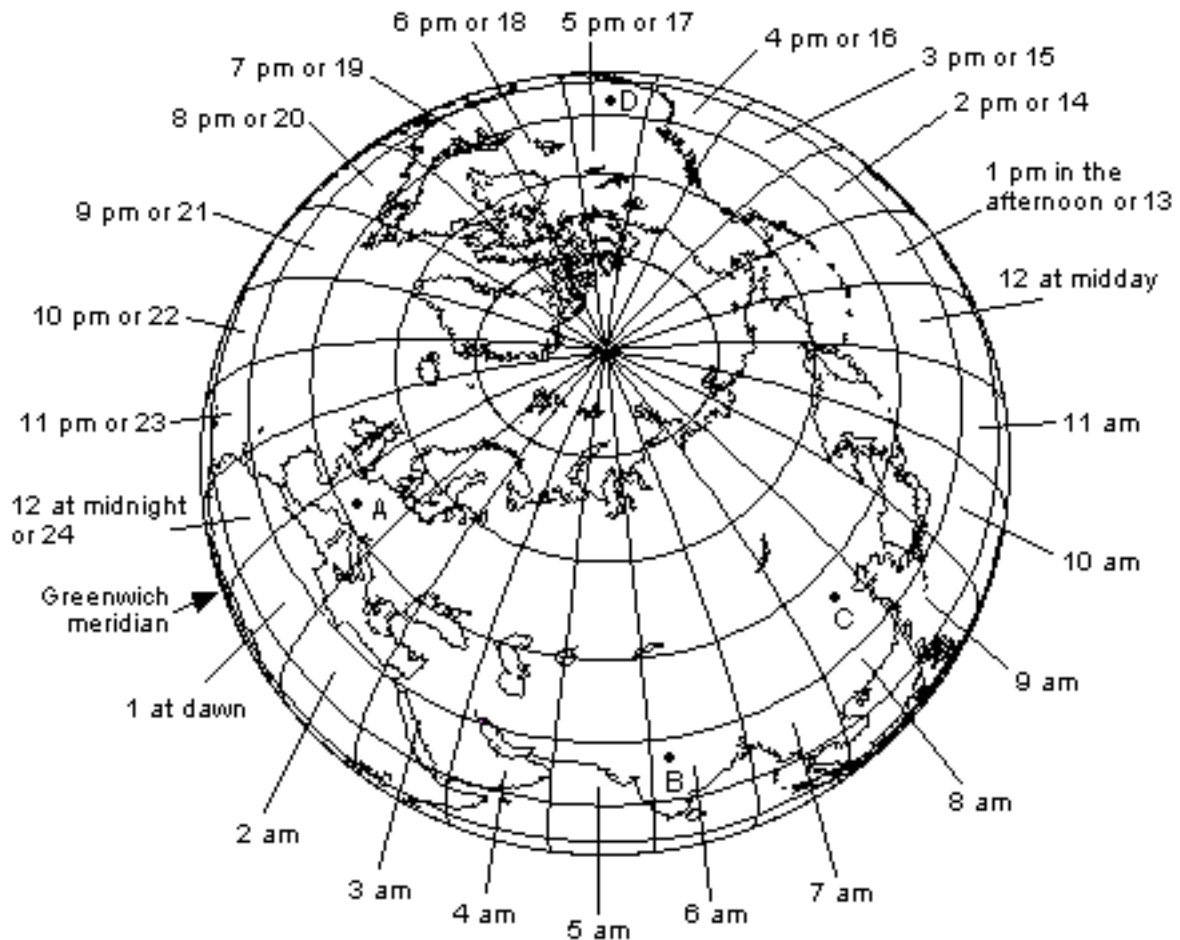


Diagram time zones

2.- Notice that there are meridians and also some parallels in the north hemisphere: 15° [degree], 30°, 45°, 60° and 75°N drawn in the diagram. Retrace the parallels 30°N and 60°N with a second felt-tip pen or a coloured pencil.

3.- There are four cities pointed out in the graph (diagram): Bern (A), New Delhi (B), Peking [Beijing] (C) and Las Vegas (D). If the meridians delimit the hourly zones, from the time zones graph, work out:

- 1) what time is it in Bern when in New Delhi they it's 15 hours (3 pm)?
- 2) what time is it in Peking when in Bern it's 17 hours (5 pm)?
- 3) what time is it in New Delhi when in Bern it's 23 hours (11 pm)?
- 4) what time is it in Peking when in Las Vegas it's 13 hours (1 pm)?
- 5) what time is it in Las Vegas when in Bern it's 9 in the morning?
- 6) what time is it in Las Vegas when in Bern it's 19 hours (7 pm)?
- 7) what time is it in Bern when in Peking it's 21 hours (9 pm)?
- 8) what time is it in New Delhi when in Las Vegas it's 23 hours (11 pm)?