

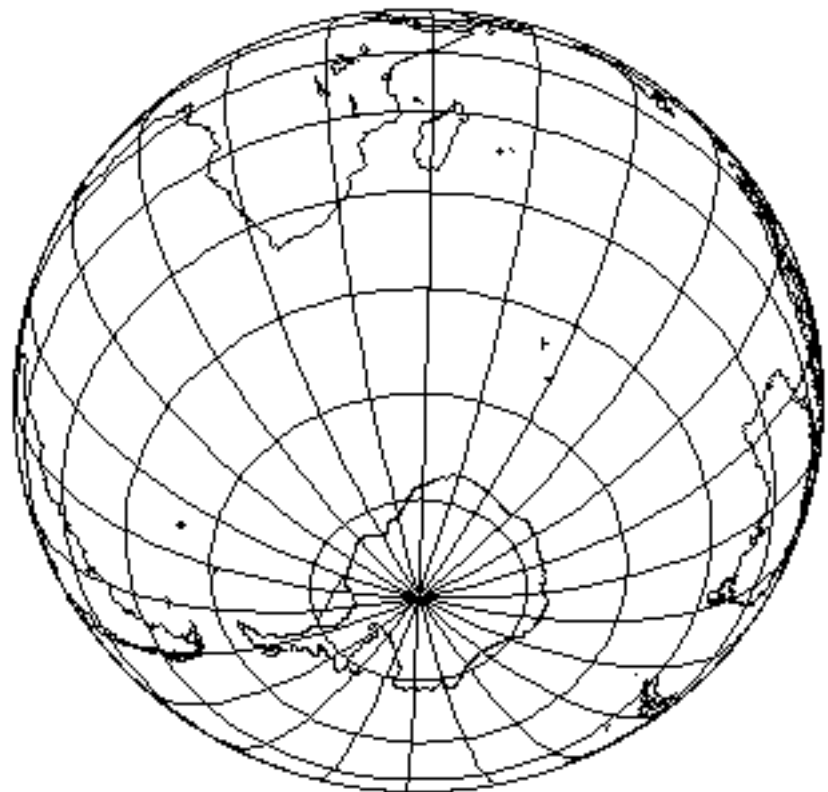
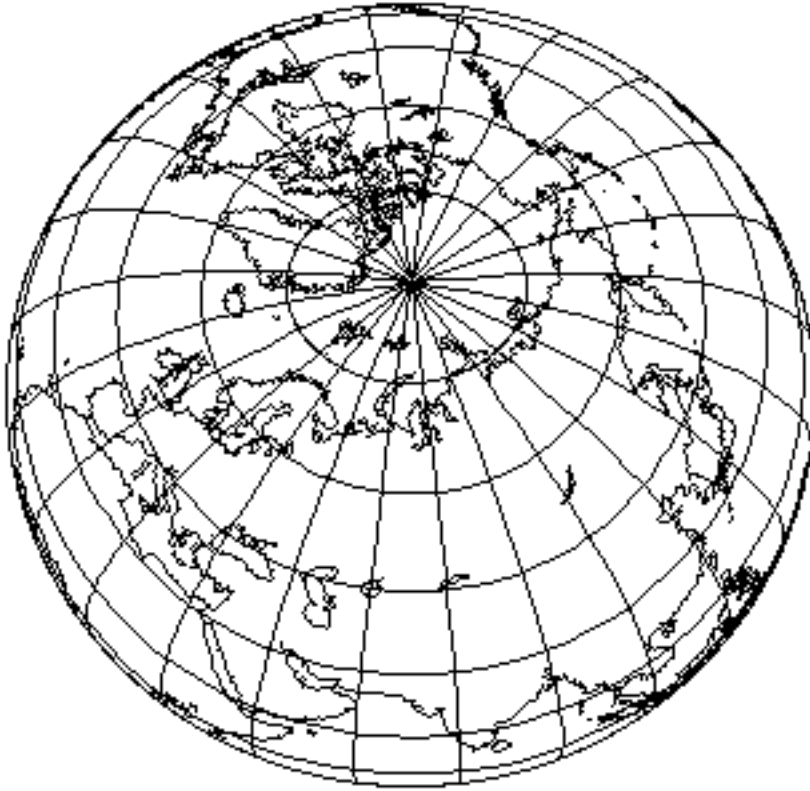
Name and surname:

Date:

Group:

1.- Complete and give colour to the two diagrams of the globe with the next items:

- 1) North pole
- 2) South pole
- 3) Greenwich meridian
- 4) Equator
- 5) 180° [degree] meridian
- 6) One parallel of the northern hemisphere
- 7) One meridian of the eastern hemisphere
- 8) One meridian of the western hemisphere
- 9) One parallel of the meridional hemisphere
- 10) The dot: longitude 30°E - latitude 45°S
- 11) The dot: longitude 120°E - latitude 60°N

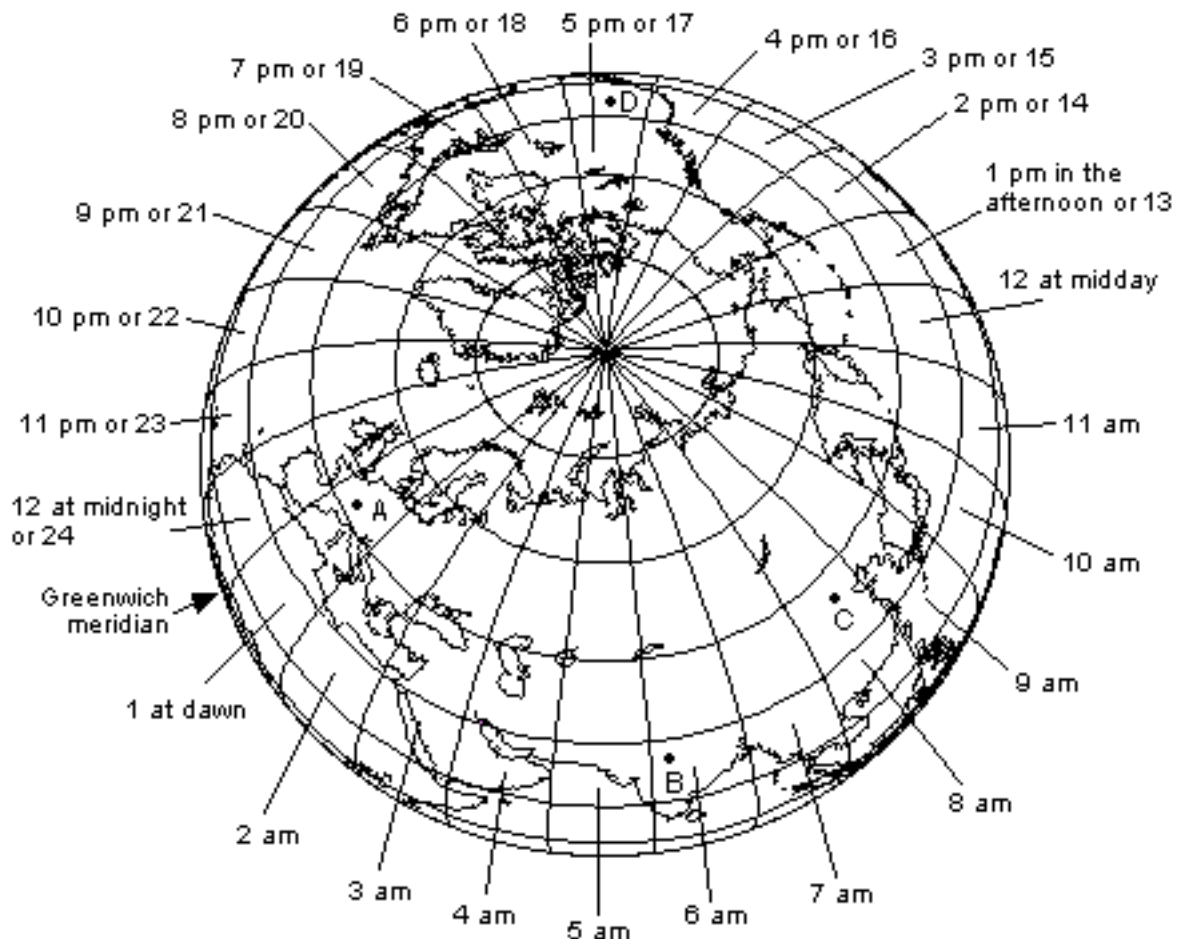


Name and surname:

Date:

Group:

2.- Retrace the reference 0° [degree] meridian or *Greenwich meridian* of the attached drawing with a felt-tip pen or a coloured pencil. Notice that there are meridians and also some parallels in the north hemisphere: 15°, 30°, 45°, 60° and 75°N drawn in the graph. Retrace the parallels 30°N and 60°N with a second felt-tip pen or a coloured pencil.



Time zones graph

3.- There are four cities pointed out in the graph: *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:

- 3.1) what time is it in Bern when in New Delhi they it's 15 hours (3 pm)?
- 3.2) what time is it in Peking when in Bern it's 17 hours (5 pm)?
- 3.3) what time is it in New Delhi when in Bern it's 23 hours (11 pm)?
- 3.4) what time is it in Peking when in Las Vegas it's 13 hours (1 pm)?
- 3.5) what time is it in Las Vegas when in Bern it's 9 in the morning?
- 3.6) what time is it in Las Vegas when in Bern it's 19 hours (7 pm)?
- 3.7) what time is it in Bern when in Peking it's 21 hours (9 pm)?
- 3.8) what time is it in New Delhi when in Las Vegas it's 23 hours (11 pm)?