



The Earth Grid

[1] Define the following:

Latitude

Longitude

Equator

Prime Meridian

[2] Using your atlas, give the latitude and longitude of the following places:

Ottawa, Ontario	Lat. _____	Long. _____
Mexico City, Mexico	Lat. _____	Long. _____
Tokyo, Japan	Lat. _____	Long. _____
Toronto	Lat. _____	Long. _____

[3] The Northern Hemisphere is located between the Equator and what point?

[4] Using your atlas, find what is located at the following locations.

	<u>Latitude</u>	<u>Longitude</u>
_____	55°N	37°E
_____	39°N	116°E
_____	41°S	174°E
_____	34°S	56°W

- [5] To what place would you travel to reach the most southerly point on earth?

- [6] What happens to the length of a parallel of latitude as you move south from the North Pole to the Equator? _____
- [7] Since 1° of latitude is equal to approximately 111 kilometres, how many kilometres is it from
(a) the Equator to the North Pole _____
(b) the Equator to Toronto _____
(c) Toronto to the North Pole _____
- [8] In which hemisphere is more than half of the earth's land located?

- [9] Which two continents are located completely within the Southern Hemisphere?
_____ and _____
- [10] Which ocean is north of 66.5°N? _____
- [11] Using an atlas, which continents are cut through by the Tropic of Cancer?

- [12] Using an atlas, which continents are cut through by the Tropic of Capricorn?

- [13] Which continents extend north of the Arctic Circle?

- [14] Name a continent that would never have the sun directly overhead at any time during the year. _____