

CGC 1P – Alphanumeric Grid Assignment

- 1) Find G5 and colour the whole box red. _____
- 2) Find M7 and colour the whole box green. _____
- 3) Find A9 and colour the whole box purple. _____
- 4) Find C3 and draw a hockey stick in the box. _____
- 5) Find M10 and draw a shoe in the box. _____
- 6) Find L9 and colour the whole box black. _____
- 7) Find F4 and colour the whole box yellow. _____
- 8) Find B6 and draw an apple in the box. _____
- 9) Find N1 and write a 5 in the box. _____
- 10) Find I8 and draw a car in the box. _____
- 11) Find J3 and colour the whole box green. _____
- 12) Find A1 and colour the whole box red. _____
- 13) Find E6 and draw a star in the box. _____
- 14) Find G10 and colour the whole box blue. _____
- 15) Find K8 and draw a circle in the box. _____
- 16) Find J7 and diamond in the box. _____
- 17) Find H1 and colour the whole box brown. _____
- 18) Find B4 and draw a carrot in the box. _____
- 19) Find N7 and draw any animal you choose in the box. _____
- 20) Find D8 and colour the whole box orange. _____
- 21) Find L2 and colour the whole box pink. _____
- 22) Find E10 and draw three dots in the box. _____
- 23) Find I3 and colour the whole box blue. _____
- 24) Find F6 and colour the whole box black. _____
- 25) Find M9 and write your name in the box. _____

World Map Reading Skills Card #2

Locating Places on the Map Part I



Since the world map shows so many places to us, we cannot always rely on using just a directional indicator to help someone locate, for example, a country.

Cartographers, (people who make maps) decided a long time ago to use **imaginary** lines to help people when they read maps of the world.

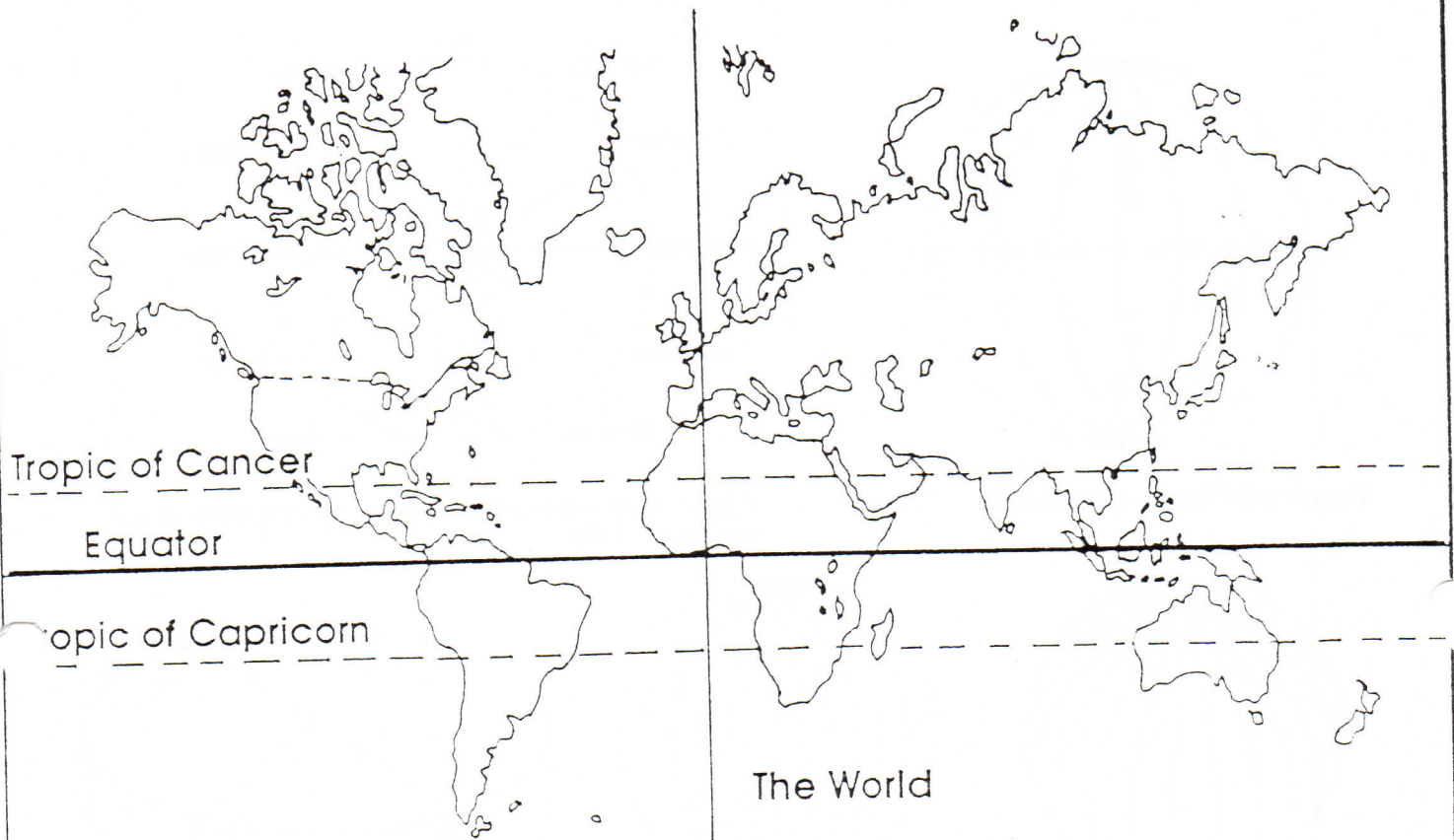
Above you see three lines drawn across the world map. The centre solid line is called the **Equator**. It divides the world in half.

Countries above the equator are said to be "**north of the equator**", countries below the equator are said to be "**south of the equator**".

Using an atlas and the world map above answer the following questions on the next page:

World Map Reading Skills Card #3

Locating Places on the Map Part 2



Even though the world map is easier to read when imaginary lines - Equator, Tropic of Cancer, Tropic of Capricorn - are used, it still is difficult to tell someone to find a country that is, say, north of the equator. There is still a lot of "world" to look at!

Cartographers decided to put another imaginary line on the map, going from top to bottom (north to south). This line has a special name too. It is called the **PRIME MERIDIAN**.

All places in the world are either east of, or, west of the Prime Meridian.

Print the word Prime Meridian in green along the line on the map above. Then answer the following questions on the next page:

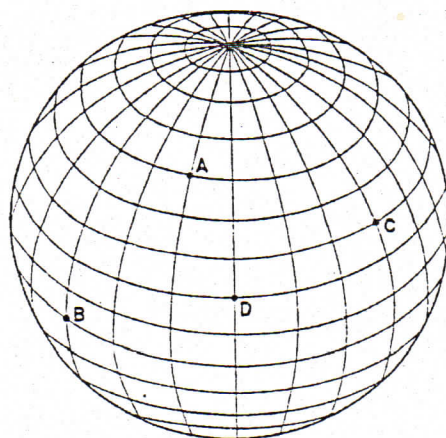
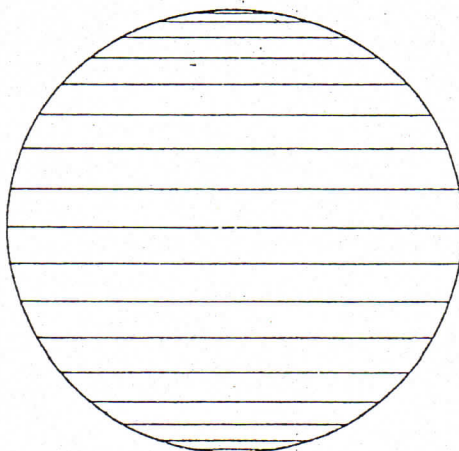
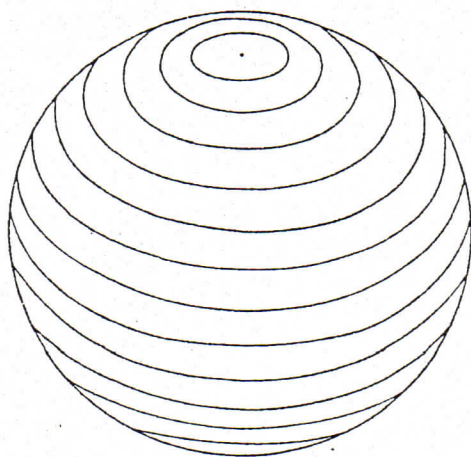
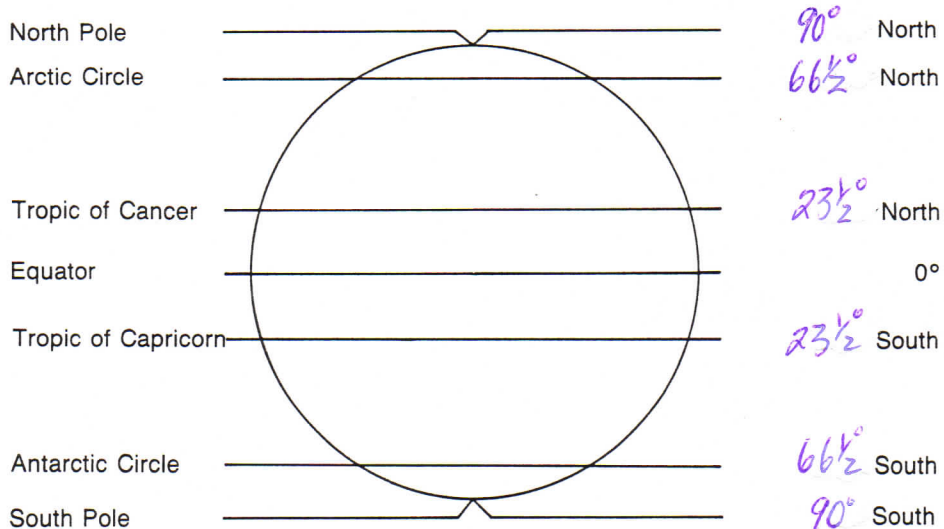
INFORMATION SHEET ON LATITUDE AND LONGITUDE

Latitude and longitude are like a net of lines put over the world. They help people locate places on the earth's surface.

LATITUDE

-imaginary lines that go around the world from west to east and they measure places located north or south of the Equator.

Important Lines of Latitude



Use the diagrams above to answer the following. Circle the letter of the correct answer(s).

- Lines of latitude are _____ lines.

a) curved	b) straight	c) circular
-----------	-------------	-------------
- Lines of latitude are parallel which means they

a) are equal length	b) are equal distance apart	c) meet at one point
---------------------	-----------------------------	----------------------
- Lines of latitude run in a _____ direction.

a) west to east	b) north to south	c) right to left
-----------------	-------------------	------------------
- Lines of latitude run from _____ o N to _____ o S

a) 90, 90	b) 66 1/2, 66 1/2	c) 0, 180
-----------	-------------------	-----------
- Latitude indicates how far a place is located _____ or _____ of the _____.

a) north, south, poles	b) north, south, equator	c) east, west, equator
------------------------	--------------------------	------------------------

LONGITUDE

-imaginary lines that go from top to bottom on a map and measure the distance west or east of the Prime Meridian.

Important Lines of Longitude

These include the Prime Meridian (0°) and the International Dateline (180°). The Prime Meridian passes through Greenwich, England.

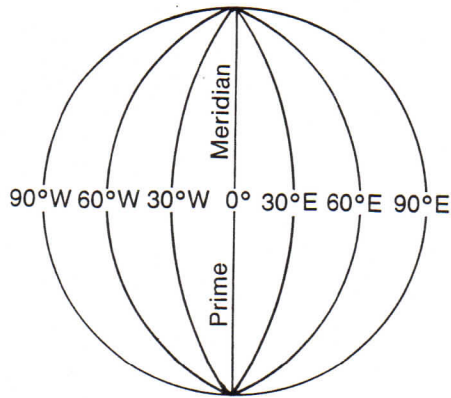


Figure 1-27 Lines of longitude

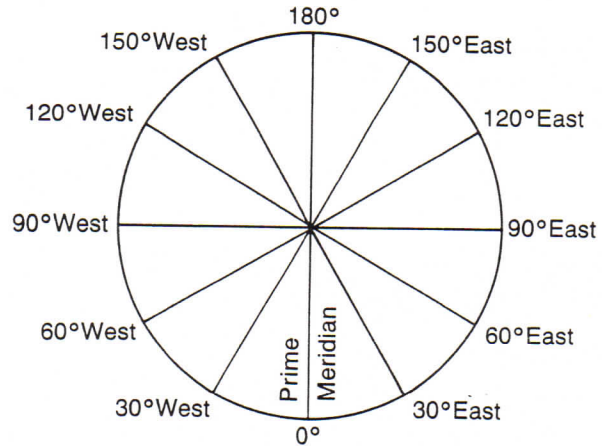
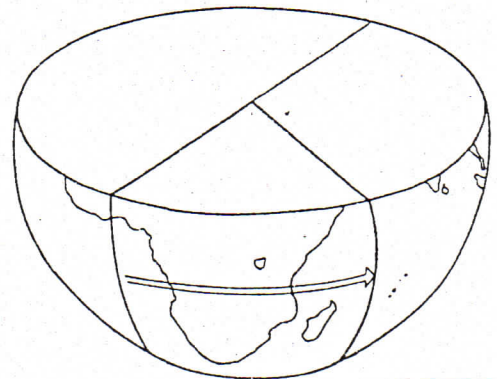
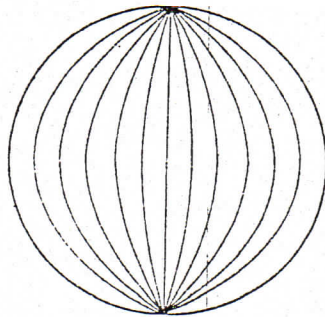
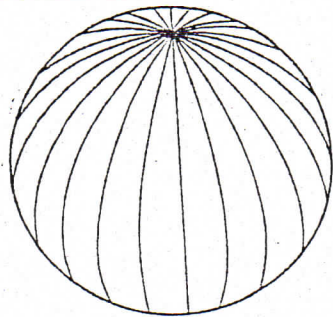


Figure 1-28 Lines of longitude viewed from above the North Pole

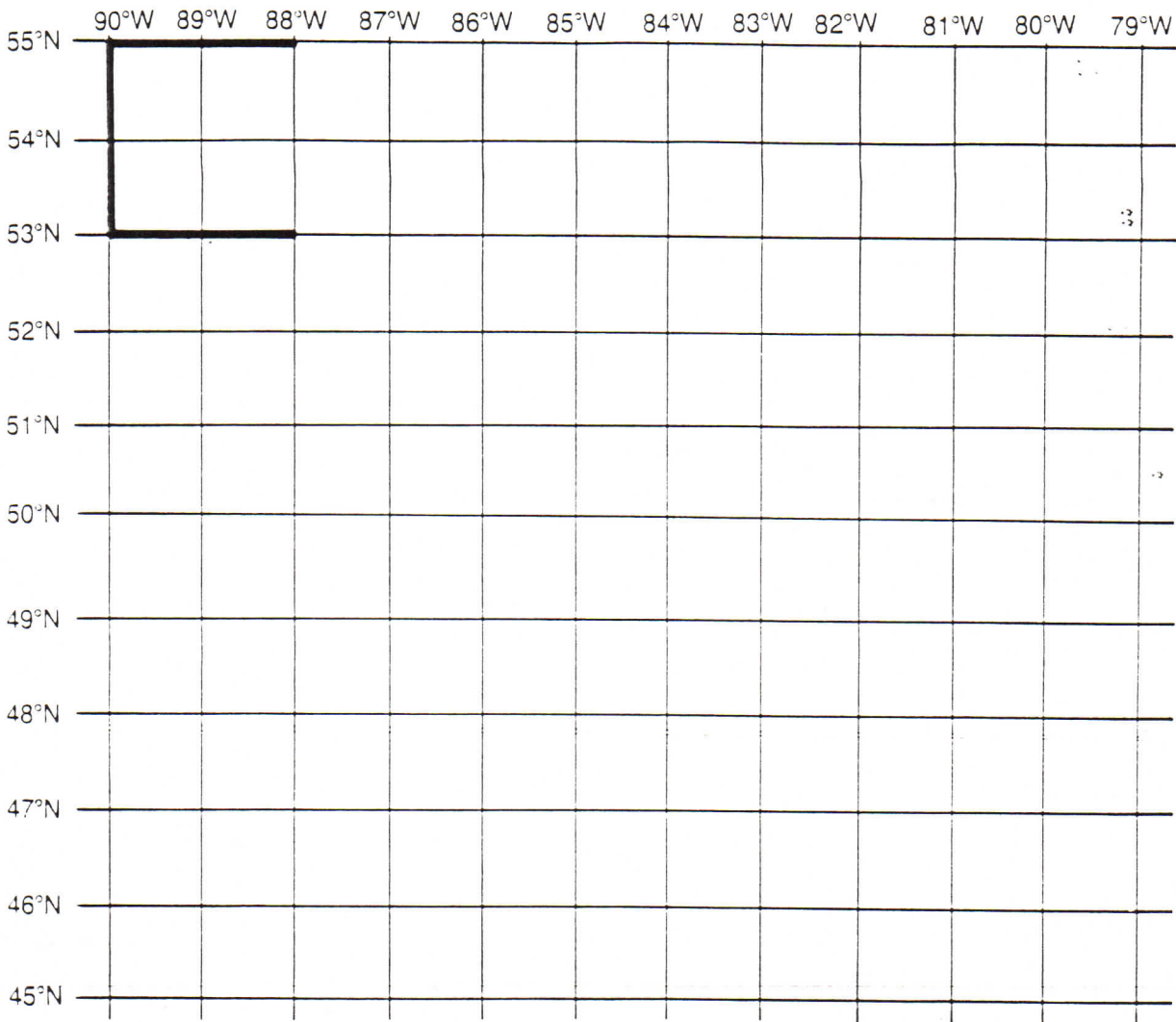


Note the diagrams above. Circle the letter of the most correct answer(s) below.

1. Lines of longitude are _____ lines.
 - a) straight
 - b) curved
 - c) circular
 - d) parallel
2. Meridians of longitude run in a _____ to _____ direction.
 - a) east, west
 - b) up, down
 - c) north, south
 - d) left, right
3. Lines of longitude are assigned a number according to its angle from _____ which is the _____.
 - a) 0, equator
 - b) 0, prime meridian
 - c) 90, north pole
 - d) 0, international date
4. Lines of longitude indicate how far a place is located _____ or _____ of the _____.
 - a) east, west, equator
 - b) north, south, equator
 - c) east, west, prime meridian
5. Meridians of longitude run from the _____ to the _____.
 - a) north pole, south pole
 - b) equator, north pole
 - c) equator, south pole
6. Half way around the earth from the prime meridian is _____ or the _____.
 - a) 360, equator
 - b) 180, international date line
 - c) 90, poles
7. Lines of longitude are furthest apart at the _____ and converge as they move towards the _____.
 - a) poles, equator
 - b) equator, poles
 - c) prime meridian, poles

LATITUDE AND LONGITUDE ACTIVITY

Join each of these points of latitude and longitude in the order given to form letters. Join only the points given. The first letter is done for you.



1st letter: 55°N 88°W
 55°N 90°W
 53°N 90°W
 53°N 88°W

2nd letter: 53°N 86°W
 55°N 86°W
 53°N 84°W
 55°N 84°W

3rd letter: 55°N 82°W
 55°N 80°W
 53°N 82°W
 53°N 80°W

4th letter: 52°N 88°W
 52°N 90°W
 50°N 90°W
 50°N 88°W
 51°N 88°W
 51°N 89°W

6th letter: 50°N 82°W
 52°N 82°W
 51°N 81°W
 52°N 80°W
 50°N 80°W

9th letter: 48°N 84°W
 46°N 84°W
 46°N 83°W
 48°N 83°W

5th letter: 52°N 85°W
 50°N 85°W
 50°N 83°W

7th letter: 48°N 88°W
 46°N 88°W

10th letter: 48°N 82°W
 46°N 81°W
 48°N 80°W

8th letter: 48°N 85°W
 48°N 87°W
 47°N 87°W
 47°N 85°W
 46°N 85°W
 46°N 87°W