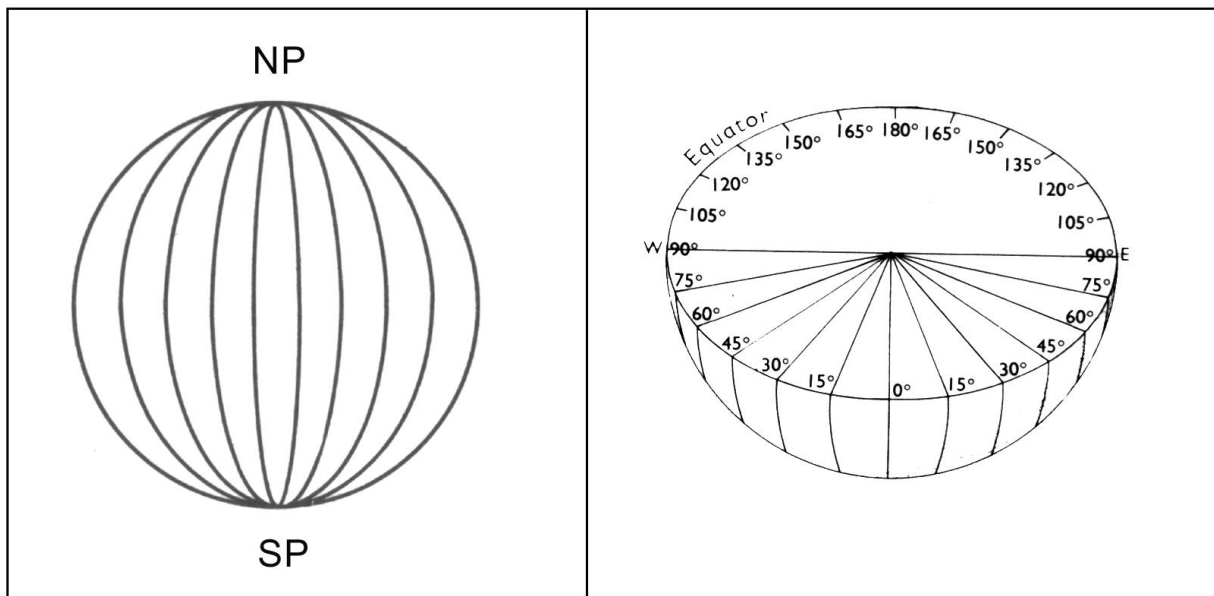




To help pinpoint places on the globe lines of latitude and longitude are drawn. Latitude  $0^\circ$  is a line which goes round the middle of the earth and is called the Equator. Longitude  $0^\circ$  goes from top to bottom on the globe and passes through Greenwich.

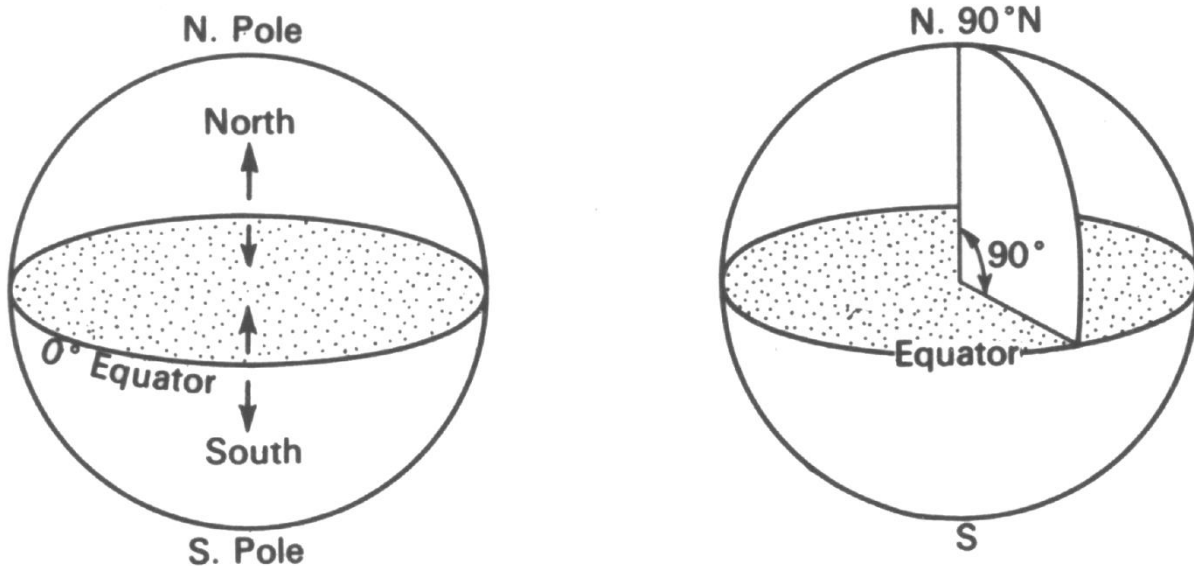
1. Study carefully the two diagrams below.

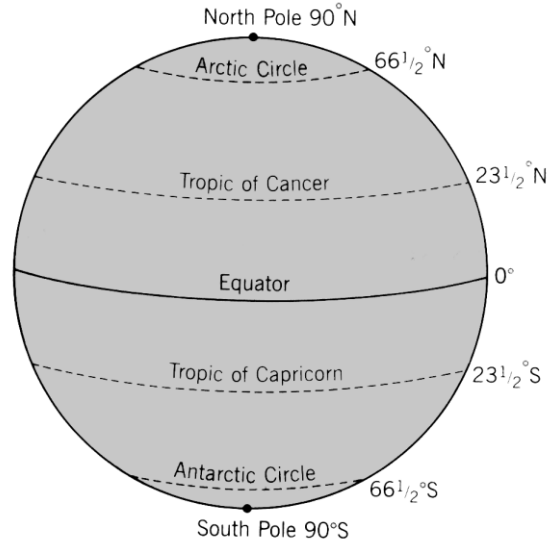
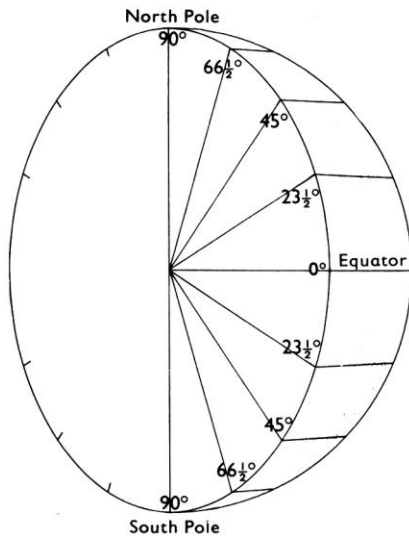


Fill in the blanks using the key word below.

Word List								
Meridian	Pole	same	180	Date	1°	London	North	Greenwich
<p>Lines of Longitude are drawn from the _____ to the South _____ .</p> <p>The most important line or meridian is called _____ meridian. This is because it passes through Greenwich in _____ . There are _____ lines of longitude west of the Prime _____ and 180 east of it, if these are drawn at intervals of _____ . 180° E and 180° W are one and the _____ line of latitude. It is known as the International _____ Line.</p>								

2. Look at the following diagrams showing how lines of latitude are measured..





a. Now match the following sentences and write them down correctly in the space provided below.

1. The Equator, which goes round the centre of the earth

is the main line of latitude.

2. Lines of latitude are drawn at equal

distance that is parallel to the Equator.

3. These lines become smaller and smaller

small that it is represented by a dot.

4. Lines of latitude are numbered from 0° (the Equator)

south a place is from the Equator.

5. They tell us how far north or

as they get nearer to the poles.

6. At the North and South Pole the circle of latitude is so

to 90° (the North or South Pole).

b. Besides the Equator there are another four important circles of latitude. Name them and give the positionn in degrees for each.

•	
•	
•	
•	

3. Continue the following paragraph filling in the gaps with the words given underneath.

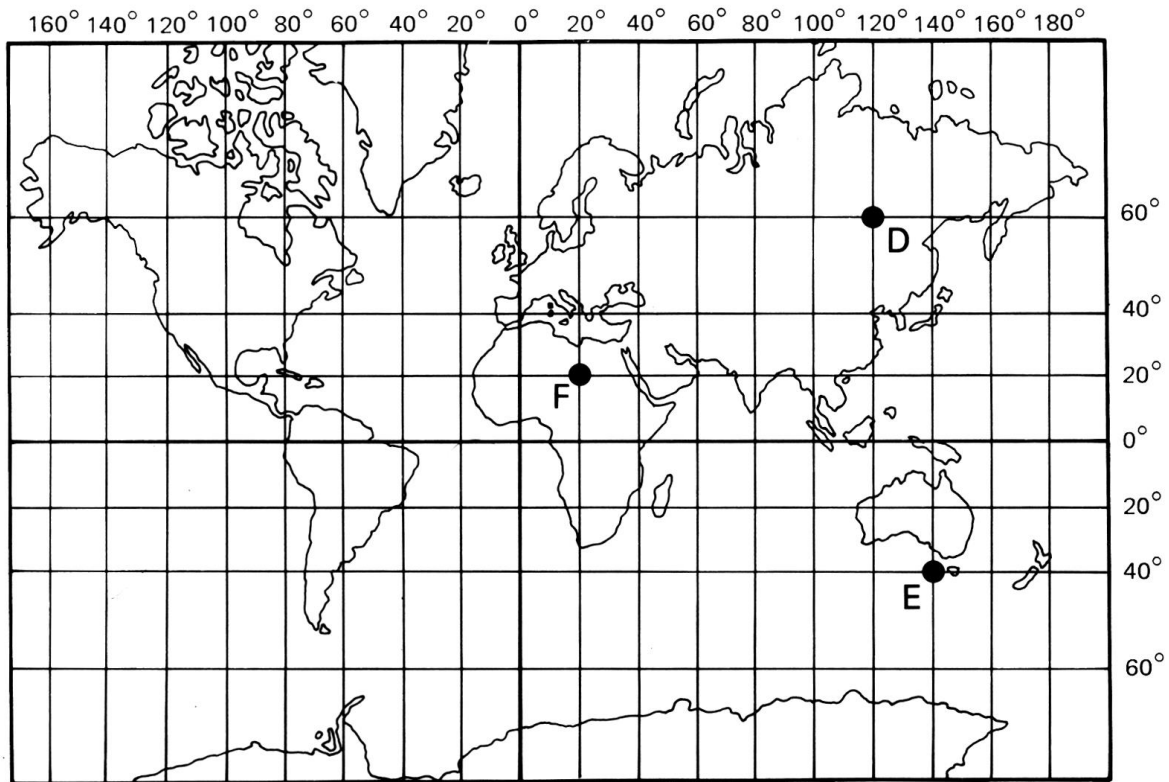
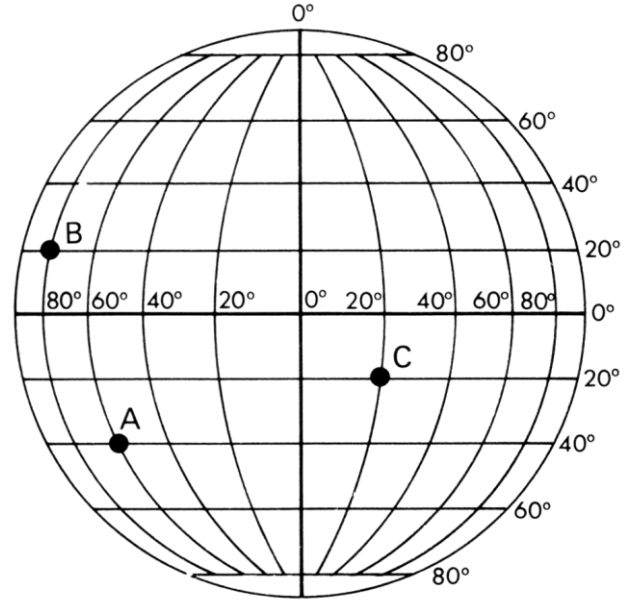
<b>Word List</b>					
South	Equator	East	latitude	East	latitude
North	South	longitude	Greenwich		

The Earth is divided by lines which go from \_\_\_\_\_ to West called lines of \_\_\_\_\_ . Lines are also drawn from North to \_\_\_\_\_ called lines of \_\_\_\_\_ . Lines of longitude all meet up at the \_\_\_\_\_ Pole and the South Pole. Lines of \_\_\_\_\_ never join up with other latitude lines.

Latitude lines are always either North or \_\_\_\_\_ of latitude 0. Another name for latitude 0 is the \_\_\_\_\_. Lines of longitude are always either \_\_\_\_\_ or West of longitude 0. This line passes through \_\_\_\_\_ near London.

- 4 a. The diagrams below show the world drawn in two different ways. The latitude and longitude grids are drawn on each. Pair up the latitude and longitude positions in the list below with the correct letter on the maps. The first one is done for you.

20° S	20° E	<b>C</b>
20° N	80° W	
40° S	60° W	
60° N	120° E	
40° S	140° E	
20° N	20° E	



b. On both diagrams mark the exact position of the following places.

<b>G</b>	40° N 20° E
<b>H</b>	60° S 80° W
<b>I</b>	20° S 80° W
<b>J</b>	0 S 40° S
<b>K</b>	60° S 60° E

c. In which continent are the following locations found?

0° 20° E	
20° S 140° E	
40° N 60° E	
60° N 120° W	
20° S 60° W	
80° S 60° E	

4. Using an atlas write down the names of two countries that pass through the following lines of latitude and longitude.

<b>Equator</b>		
<b>Tropic of Cancer</b>		
<b>Tropic of Capricorn</b>		
<b>Prime Meridian</b>		
<b>Arctic Circle</b>		

5. On the map of the world draw the following lines of latitude and longitude. Look up the exact figure for each latitude and longitude and write it down near its corresponding line. exact figure

- Tropic of Cancer
- Tropic of Capricorn
- Arctic Circle
- Antarctic Circle
- North Pole
- South Pole
- Prime Meridian
- Equator



6 a. Find the following places, using your atlas to complete the table.

<b>Place</b>	<b>Country</b>	<b>Continent</b>	<b>Latitude</b>	<b>Longitude</b>
Cairo				
Washington D.C.				
Brasilia				
Caracas				
Tokyo				
Brazzaville				
Dhaka				
Moscow				
Ottawa				
Riyadh				
Baghdad				
Teheran				
New Delhi				
Canberra				
Khartoum				
Nairobi				
Cape Town				
Jakarta				
Beijing				



- b. Use your atlas to find all the countries shown in the table you completed in the previous activity. Mark and name them on the world map below.

