Latitude and Longitude

Where am I? If you know how to use latitude and longitude, you will always know where in the world you are!

**Latitude** - When looking at a map, ___________ lines run horizontally. Latitude lines are also known as ___________ since they are parallel and are an ___________ distant from each other. To remember latitude, imagine them as the horizontal rungs of a ___________ ("ladder-itude"). Also, when you lay something ___________, it is horizontal, so “flatitude.” ___________ latitude are numbered from 0° to 90° ___________ and south. 90° north is the ___________ Pole and 90° south is the South ___________.

**Equator** - This special ___________ line of latitude is located at ___________ degrees. It is the line which divides our ___________ into the northern and southern ___________.

**The Tropic of Cancer and The Tropic of Capricorn** - The Tropic of ___________ and the Tropic of ___________ each lie at 23.5 degrees latitude. The Tropic of Cancer is located at 23.5° ___________ of the equator and The Tropic of Capricorn lies at 23.5 ___________ of the equator. The area between the Tropic of Cancer on the north and Tropic of Capricorn on the south is known as the ___________." This area does not experience ___________ because the sun is always high in the sky.
**Longitude-**

The vertical *longitude* lines are also known as ___________. To remember longitude, think about when you measure how “long” your hair is, you are measuring _______________ (up and down). They meet at the poles and are widest at the equator. While the equator divides the Earth into ___________ and ___________ Hemispheres, it is the Prime Meridian at ___________ degrees longitude and the line of longitude opposite the Prime Meridian, the International ___________ Line, at 180 degrees longitude that divides the Earth into the ___________ and ___________ Hemispheres.

**Diagram:**