Observation Questions

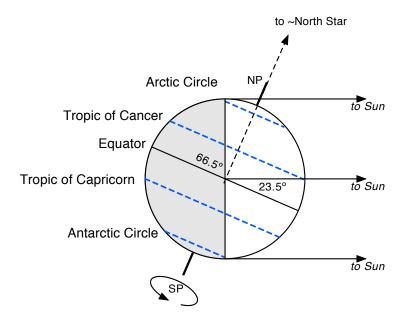
Use the diagrams on the back of this if you are having a hard time.

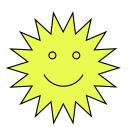
1.	Ima a.	agine you are on the North Pole. Describe the motion of the sun at the following times: On the Spring Equinox.
	b.	On the Summer Solstice.
	c.	On the Fall Equinox.
	d.	On the Winter Solstice.
2.		the following locations, how far above the horizon would the North Star be? On the North Pole.
	b.	On the equator.
	c.	On the South Pole.
	d.	In Acton (about 42° latitude.)
3.	dat	the following locations, what is the maximum possible "height" of the sun in the sky on the e of the summer solstice? On the North Pole.
	b.	On the equator.
	c.	On the Tropic of Cancer.
	d.	In Acton (about 42° latitude.)
4.	dat	the following locations, what is the maximum possible "height" of the sun in the sky on the e of the vernal equinox? On the North Pole.
	b.	On the equator.
	c.	On the Tropic of Cancer.
	d.	In Acton (about 42° latitude.)

Observation Questions



Summer Solstice - Northern Hemisphere Winter Solstice - Southern Hemisphere





Winter Solstice - Northern Hemisphere Summer Solstice - Southern Hemisphere



