

Name: _____ Date: _____

Motion of the Earth

Q1. Differentiate between Summer Solstice and Winter Solstice.

Ans.	<u>Summer Solstice</u>	<u>Winter Solstice</u>
1.		1.
2.		2.
3.		3.
4.		4.

Motion of the Earth

Q1. Differentiate between Summer Solstice and Winter Solstice.

Ans.

<u>Summer Solstice</u>	<u>Winter Solstice</u>
1. It is the position of the Earth when the rays of the sun fall directly on the Tropic of cancer.	1. It is the position of the Earth when the rays of the sun fall directly on the Tropic of Capricorn.
2. The North pole is inclined towards the sun.	2. The South pole is inclined towards the sun.
3. As large portion of the Northern Hemisphere receives light from sun, it is summer in the Northern Hemisphere.	3. As larger portion of the Southern Hemisphere receives light from the sun, it is summer in the Southern Hemisphere.
4. During this period, nights are shorter than days in Northern Hemisphere. The longest day and shortest night at these places occur on 21 st June.	4. During this period in Northern hemisphere, nights are longer than days.