

Cohen Middle School  
100 Robinwood Avenue  
Elmira Heights, NY 14903  
734-5078

Name: \_\_\_\_\_ Date: February 13, 2020 \_\_\_\_\_

**Math:**

Midterm

**Social Studies:**

- Three Doctrines

HW: Taoism/ Dowling

**ELA:**

Daily Warm Up

Mid-Term Exam

**Science**

① Score / compare / analyze your  
Hours of Daylight Graph

② Fix "TEST" Practice Q's + Diagram

(HW) Study for Quiz

SUN-EARTH

**Computer Apps/ Technology**



Name: \_\_\_\_\_

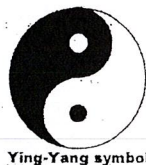
Date: \_\_\_\_\_

## Taoism

Taoism is a religious tradition that began in China about 2,500 years ago—at about the same time Confucius lived. While Confucius was interested in how people treated one another, Taoism is a spiritual philosophy that focuses on a person's outlook on life and the world around them. Taoism is practiced today in China, Taiwan, Hong King, Singapore, Japan, and Thailand, but there are Taoists throughout the world.

Taoists believe that humankind, nature, and heaven are all interconnected, and that harmony exists when everything acts according to its own nature. Living in harmony with one's own nature is known in Taoism as *wu wei*. A person who practices *wu wei* avoids aggression and bends to accommodate life's problems rather than break under their weight. A Taoist strives to live in harmony with the natural order.

The natural order is an unknowable force called the Tao. Tao can be translated as "the way." Taoists view the Tao as the connection that makes all life and movement in nature possible. They believe that when a person lives out their life on earth, the Tao returns them to heaven.



The Tao is composed of two opposite energies called yin and yang. Taoists believe everything in existence has the characteristics of both the yin and the yang. The yin is cold, dark, and mysterious; it is associated with the earth and is female. The yang is warm, bright and positive; it is associated with the heavens and is male. The interaction of yin and yang are revealed in changes. These changes include the seasons along with the flowering of living things and their eventual decay.

Taoists believe earthquakes, floods, and tornadoes are the results of disturbances of yin and yang, but they believe, in time, the Tao will reassert itself and order will return. Unhappiness in life comes from people acting against the Tao by disrupting the natural order of life.

Taoism developed during a period of disorder in Chinese history we call the Age of Warring States. Local warlords engaged in battles; greed was rampant and many Chinese people lived in a constant state of fear.

Legends say the founder of Taoism is Lao Tzu, though it is possible he never existed. Lao Tzu is said to have been a scholar who worked as a keeper of records for a Chou lord. Lao Tzu was unhappy with moral decay of his time, so he withdrew to his home to think about the meaning of life. Lao Tzu's meditation made him a very wise man. Once, while traveling, a gatekeeper recognized Lao Tzu and asked him to write down his wisdom. According to legend, Lao Tzu wrote the *Tao Te Ching*, then rode through the gate, never to be seen again.



The *Tao Te Ching* means "the Way of Life." It is a very short book—an English language translation is 128 pages. The *Tao Te Ching* recommends bending to accommodate rather than breaking under the stresses of life. The book discourages learning or ambition, instead stressing that we should live according to our nature. It places nature above culture, and a solitary individual above society. According to the *Tao Te Ching*, inaction is better than action. By not allowing events to unfold according to their nature, a person has challenged the Tao.

Many Taoists compare the Tao to water. When it is restricted, water seeks the weakest spot of any obstruction and applies constant force until it is free. Given the slightest opening, water will pass through and will widen the opening if possible. Water always seeks to do the easiest thing for as long as it can. The *Tao Te Ching* says, "there is nothing stronger and weaker than water, any yet there is nothing better for attacking hard and strong things."

### Answer in complete sentences

\*1. According to Taoists, what is the Tao?

\*This is a higher order learning question. You must answer the question to the best of your ability, but any reasonable answer will be graded as correct.



Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Fill in the Blanks**

Taoism is a s i i u l philosophy that posits that h m n i d, nature, and heaven are i t r o n c ed and that h r o y exists when everything acts according to its n t r e. The natural order that connects all things is the Tao. The Tao is composed of two o p s i e energies called y n and y g.

A Taoist strives to practice w w, which is to live in harmony with his or her own nature. They believe that disturbances in nature and unhappiness in people are the result of a t n g against the T.

According to Taoist l g n s, Lao Tzu is the f u d r of T o s m. L o T u is believed to have lived in the fifth century BCE, at about the same time of C n u i s. He is said to have mysteriously disappeared immediately after writing the T o T C i g, a book outlines the tenets of Taoism.

**Tao Te Ching**

The *Tao Te Ching* is the primary text of Taoism. It is a very small book that can be read in less than an hour. The book consists of short aphorisms rather than long stories. Here is an English language translation of some passages from the *Tao Te Ching*:

*Nature is not benevolent. With ruthless indifference she makes all things serve their purpose like the straw dogs we use at sacrifice.*

*The world is won by those who let it go, but when one constantly tries, the world is beyond one's winning.*

*Those who would take over the earth never succeed. When they reach to grasp it in their fingers, it is gone.*

*What is shrunken is first stretched out. What is to be weakened is first made strong. What will be thrown over is first raised up. What will be taken away is first bestowed.*

*The softest stuff in the world penetrates the hardest. It can enter where there is no room for it.*

**Answer in complete sentences**

\*2. How would a person practice *wu wei*?

\_\_\_\_\_  
\_\_\_\_\_

3. What are yin and yang?

\_\_\_\_\_  
\_\_\_\_\_

\*4. Do you believe a Taoist could be a successful businessperson? Explain your reasoning.

\_\_\_\_\_  
\_\_\_\_\_

5. Choose one of the quotes from the *Tao Te Ching* and explain how the quote is an example of Taoist philosophy.

\_\_\_\_\_  
\_\_\_\_\_

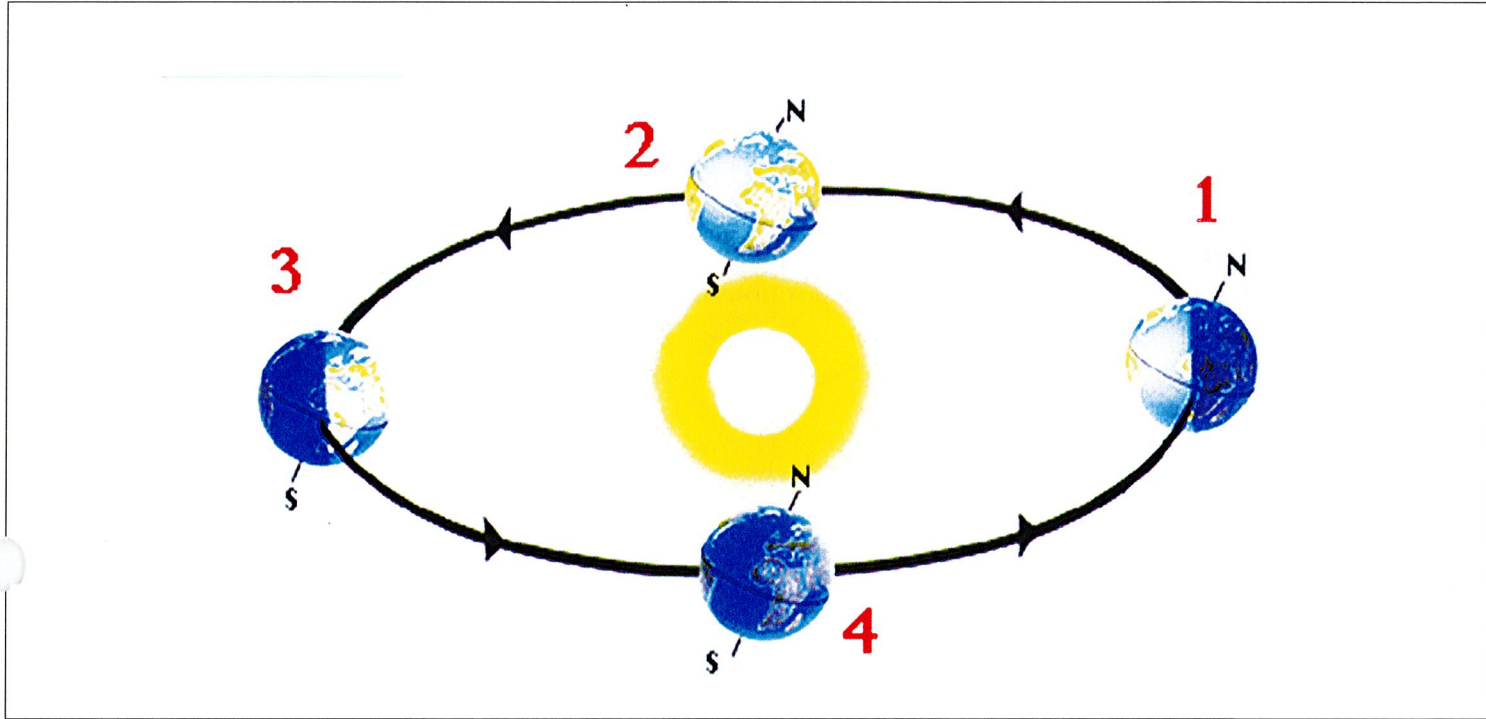
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Name: \_\_\_\_\_ Quiz Date: 2/14/20 Science Period: \_\_\_\_\_

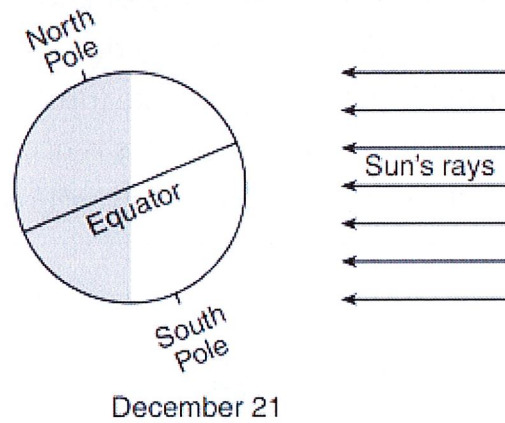
### Labeling Sun Earth Model: Quiz Practice #2<sup>nd</sup> TRY

**Directions:** The Sun-Earth model below is an example of Earth as it **revolves** around the Sun. Your job is to look closely at the model and correctly determine the season that is occurring at each position. The model is not to scale. Take into consideration the latitude of the direct rays (solar angle) and how much light / darkness is occurring at the North Pole, in the Northern Hemisphere. (Resource: <https://www.timeanddate.com/calendar/seasons.html>)

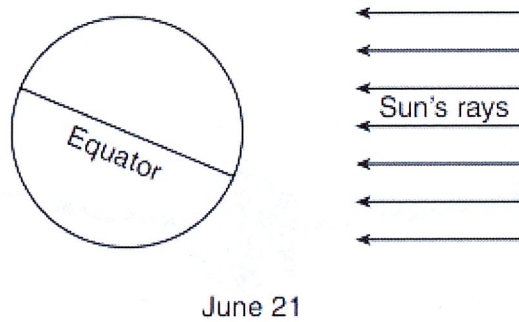


	1	2	3	4
Season in N. Hemisphere				
Date season begins				
Direct Rays (sun is shining on...)	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S
N Pole Lean (related to the sun)	Toward Away Perpendicular	Toward Away Perpendicular	Toward Away Perpendicular	Toward Away Perpendicular
Amount of Daylight	12-24 hours Equal 12 hours 0-12 hours	12-24 hours Equal 12 hours 0-12 hours	12-24 hours Equal 12 hours 0-12 hours	12-24 hours Equal 12 hours 0-12 hours

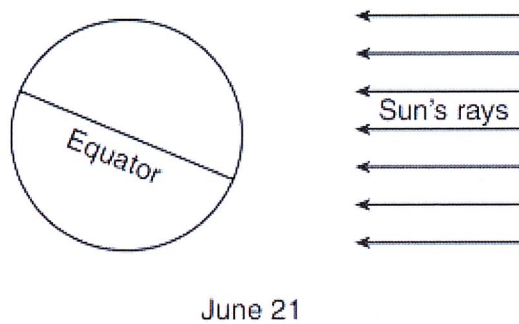
Base your answers to questions 63 and 64 on the diagram below and on your knowledge of science. The diagram shows the position of Earth in relation to the Sun on December 21, which is the first day of winter in the Northern Hemisphere. The shaded area represents the portion of Earth experiencing nighttime.



63 The diagram below shows Earth in relation to the Sun on June 21, which is the first day of summer in the Northern Hemisphere. Draw and label the positions of the North and South Poles on the diagram. [1]



64 On the diagram below, shade the portion of Earth experiencing nighttime on June 21. [1]

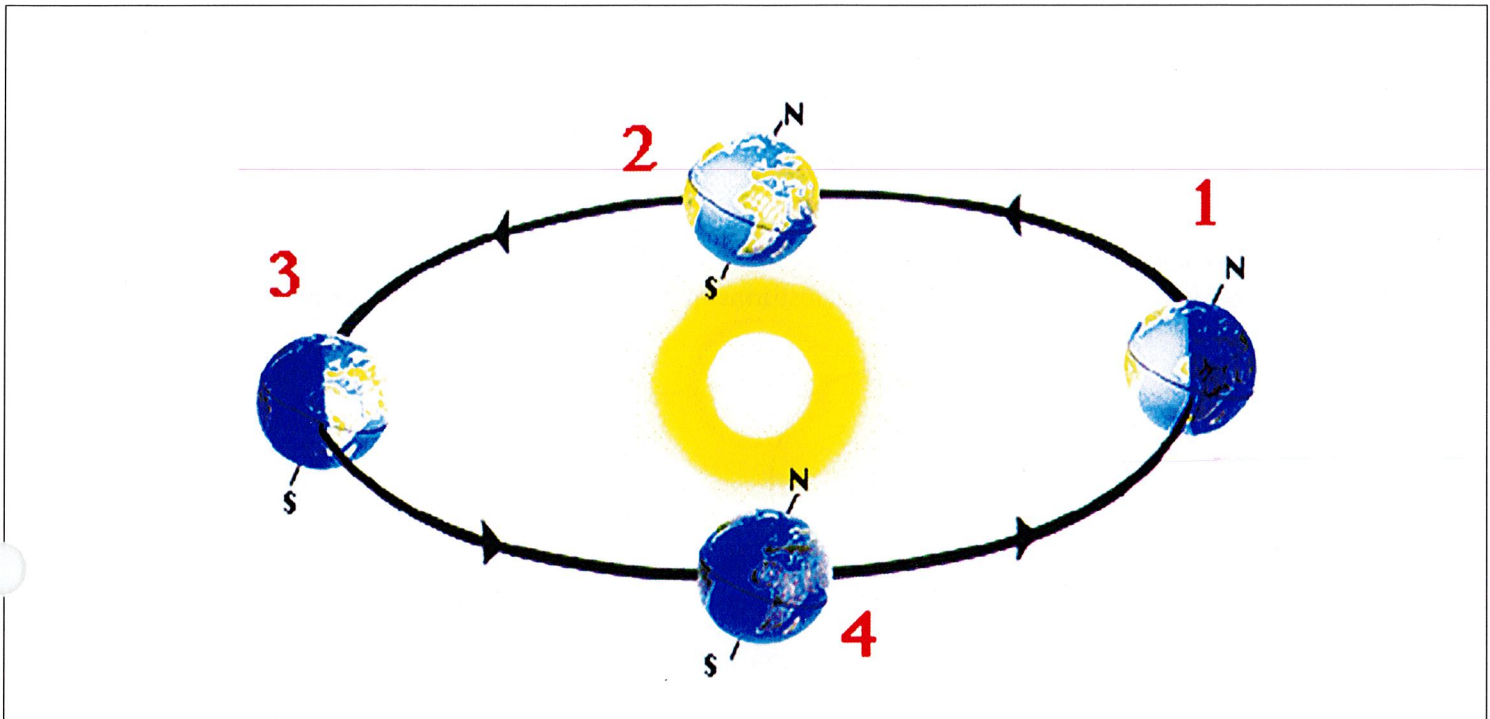



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Name: \_\_\_\_\_ Quiz Date: 2/14/20 Science Period: \_\_\_\_\_

### Labeling Sun Earth Model: Quiz Practice #2<sup>nd</sup> TRY

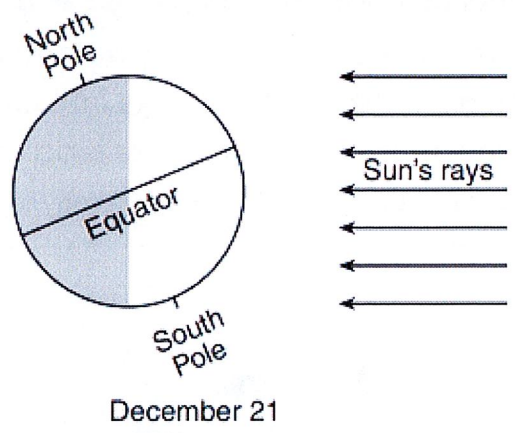
**Directions:** The Sun-Earth model below is an example of Earth as it **revolves** around the Sun. Your job is to look closely at the model and correctly determine the season that is occurring at each position. The model is not to scale. Take into consideration the latitude of the direct rays (solar angle) and how much light / darkness is occurring at the North Pole, in the Northern Hemisphere. (Resource: <https://www.timeanddate.com/calendar/seasons.html>)



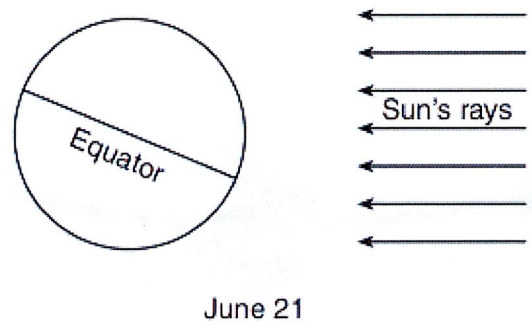
	1	2	3	4
Season in N. Hemisphere				
Date season begins				
Direct Rays (sun is shining on...)	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S
N Pole Lean (related to the sun)	Toward Away Perpendicular	Toward Away Perpendicular	Toward Away Perpendicular	Toward Away Perpendicular
Amount of Daylight	12-24 hours Equal 12 hours 0-12 hours	12-24 hours Equal 12 hours 0-12 hours	12-24 hours Equal 12 hours 0-12 hours	12-24 hours Equal 12 hours 0-12 hours

STUDY FOR QMS  
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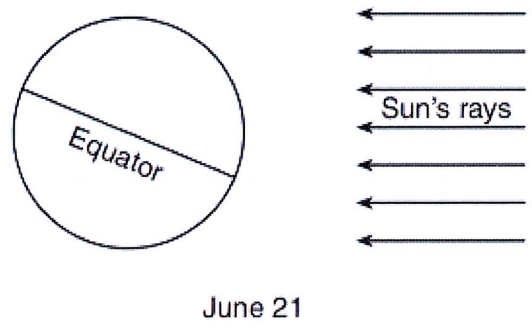
Base your answers to questions 63 and 64 on the diagram below and on your knowledge of science. The diagram shows the position of Earth in relation to the Sun on December 21, which is the first day of winter in the Northern Hemisphere. The shaded area represents the portion of Earth experiencing nighttime.



63 The diagram below shows Earth in relation to the Sun on June 21, which is the first day of summer in the Northern Hemisphere. Draw and label the positions of the North and South Poles on the diagram. [1]



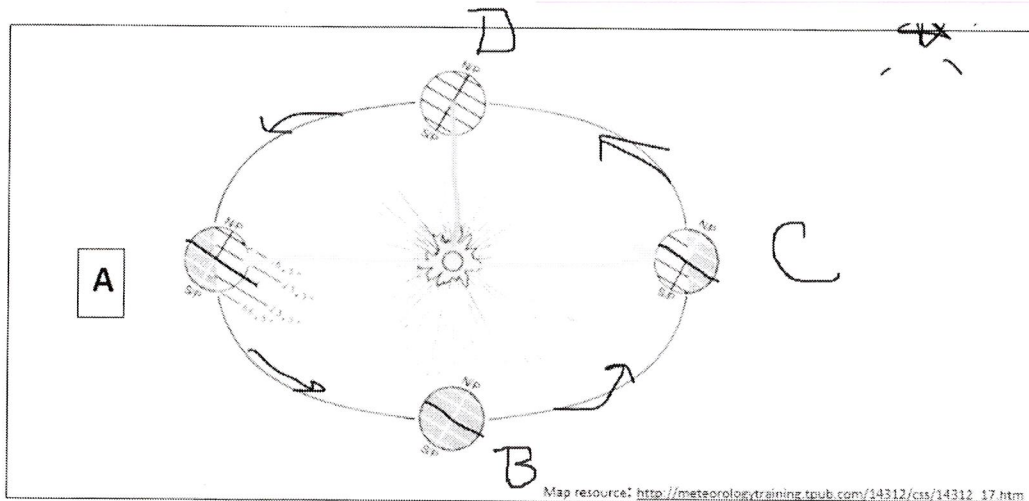
64 On the diagram below, shade the portion of Earth experiencing nighttime on June 21. [1]





Moore-  
Science 6

USE THIS  
TO FIX /  
(Study)  
Your Sun-  
Earth  
model  
from  
2/10/20



Draw in: the North Star (Polaris) and arrows showing the direction of Earth's revolution

	A	B	C	D
Season in N. Hemisphere	Summer	Fall	Winter	Spring
Date season begins	June 21 <sup>st</sup>	Sept 22 <sup>nd</sup>	Dec 21	March 21
Direct Rays (sun is shining on...)	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S	T. Cancer 23.5°N <b>Equator, 0°</b> T. Capricorn, 23.5S	T. Cancer 23.5°N Equator, 0° T. Capricorn, 23.5S	T. Cancer 23.5°N <b>Equator, 0°</b> T. Capricorn, 23.5S
N Pole Lean (related to the sun)	Toward Away Perpendicular	Toward Away <b>Perpendicular</b>	Toward Away Perpendicular	Toward Away <b>Perpendicular</b>
Amount of Daylight	12-24 hours Equal 12 hours 0-12 hours	12-24 hours <b>Equal 12 hours</b> 0-12 hours	12-24 hours Equal 12 hours 0-12 hours	12-24 hours <b>Equal 12 hours</b> 0-12 hours

Major Science to

USE TO FIT /  
from (Spd) run  
from Earth  
model  
from  
St/10/10

Name: MOORE

$$6 \times 4 = 24 + 6 = 30$$

Date: 2/10/20 Science 6, Period: 2 3 5 6 7

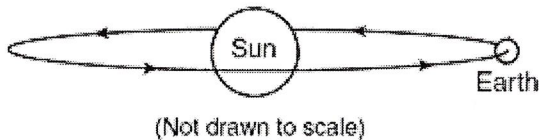
## NYS Science TEST Practice Questions

**Directions:** Answer the following questions from the NYS Grade 8 Science Exam ON YOUR OWN. Use active reading strategies as you complete this task:

- Read, or listen to each question carefully
- underline key words
- eliminate choices before circling your final answer

USE THIS to study for Season's QUIZ FRIDAY 2/14

1. The diagram below represents the Earth orbiting the Sun.



Approximately how long does it take Earth to complete one orbit around the Sun?

**Answer:** 365 1/4, 12 months, or 1 year

2. The layered mixture of gases surrounding Earth is called the

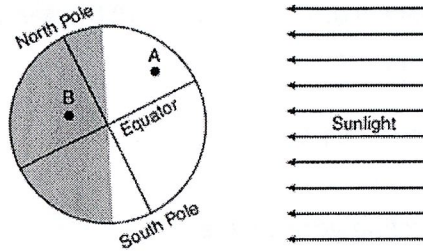
- a. Atmosphere
- b. Hydrosphere
- c. Lithosphere
- d. Hemisphere

3. Which measurement can be used to determine if a specific place is located north or south of the Equator?

- a. Elevation in kilometers
- b. Altitude in kilometers
- c. Longitude in degrees
- d. Latitude in degrees



4. The diagram below represents one position of Earth in its orbit. Points A and B represent locations on Earth's surface. Location A is experiencing daylight while location B is experiencing darkness.

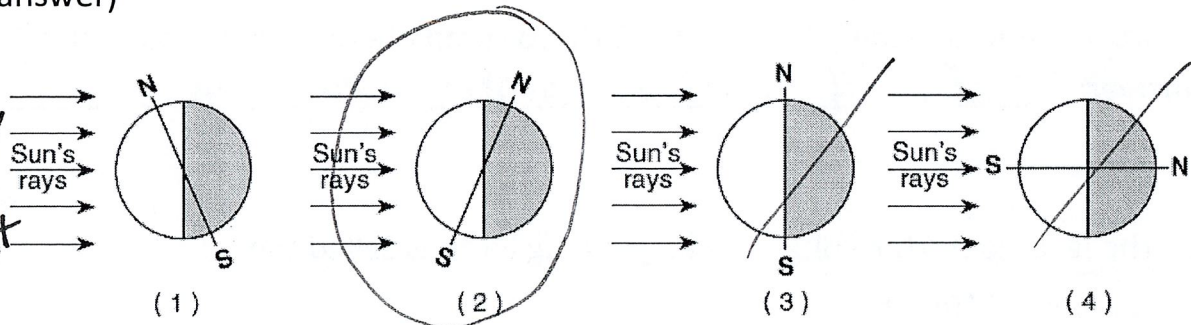


What Earth motion will bring location B into daylight in the next few hours?

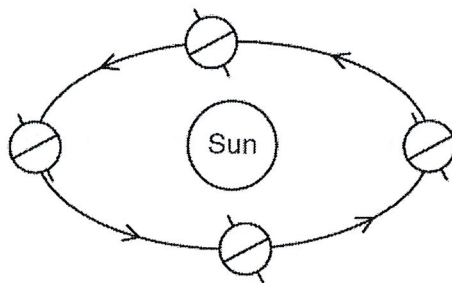
*Answer:* Rotation = day/night

5. Which diagram best shows the tilt of the Earth's axis in December? (Circle your answer)

*North Pole has no sunlight / no daylight*



6. The diagram below shows Earth at four locations in its orbit around the Sun.



(Not drawn to scale)

*Earth's Revolution = moving around something (the Sun) - TO ORBIT*

Which motion do the arrows in the diagram represent?

- a. Earth's Rotation
- b. Earth's revolution
- c. The sun's Rotation
- d. The sun's Revolution