



WORLD GEOGRAPHY

Vocabulary Terms

Geography – The science that describes the surface of the earth and it's associated physical, biological, economical, political, and demographic characteristics

Continent – A major land mass separated from other large land masses by water or racial differences

For instance: North America is separated from South America water

Africa is separated from Asia and Europe by mostly Water and race

Australia is totally separated by water

Europe is separated from Asia by race



© 2012 Encyclopædia Britannica, Inc.

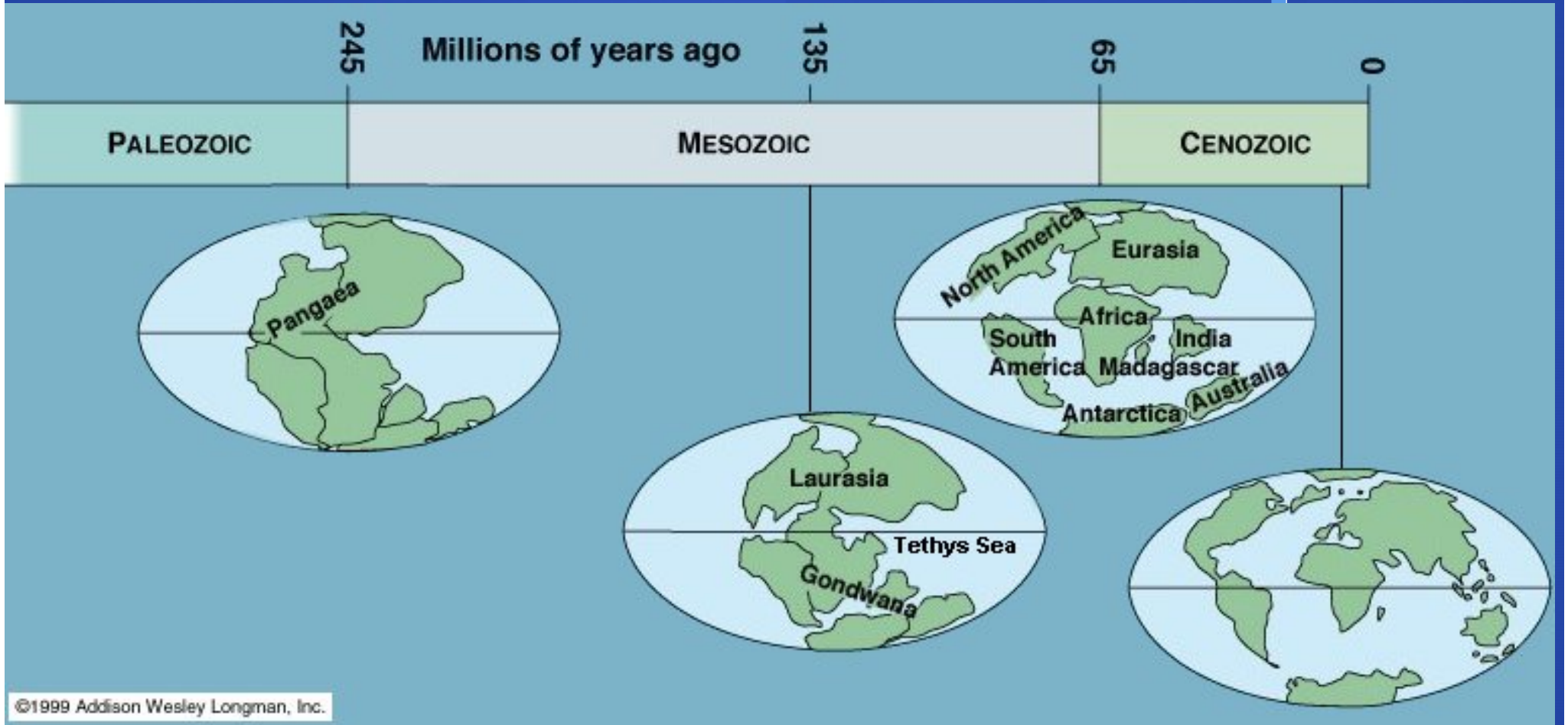
Hemispheres – the earth is divided into four hemispheres; northern, southern, eastern and western. (answer questions)

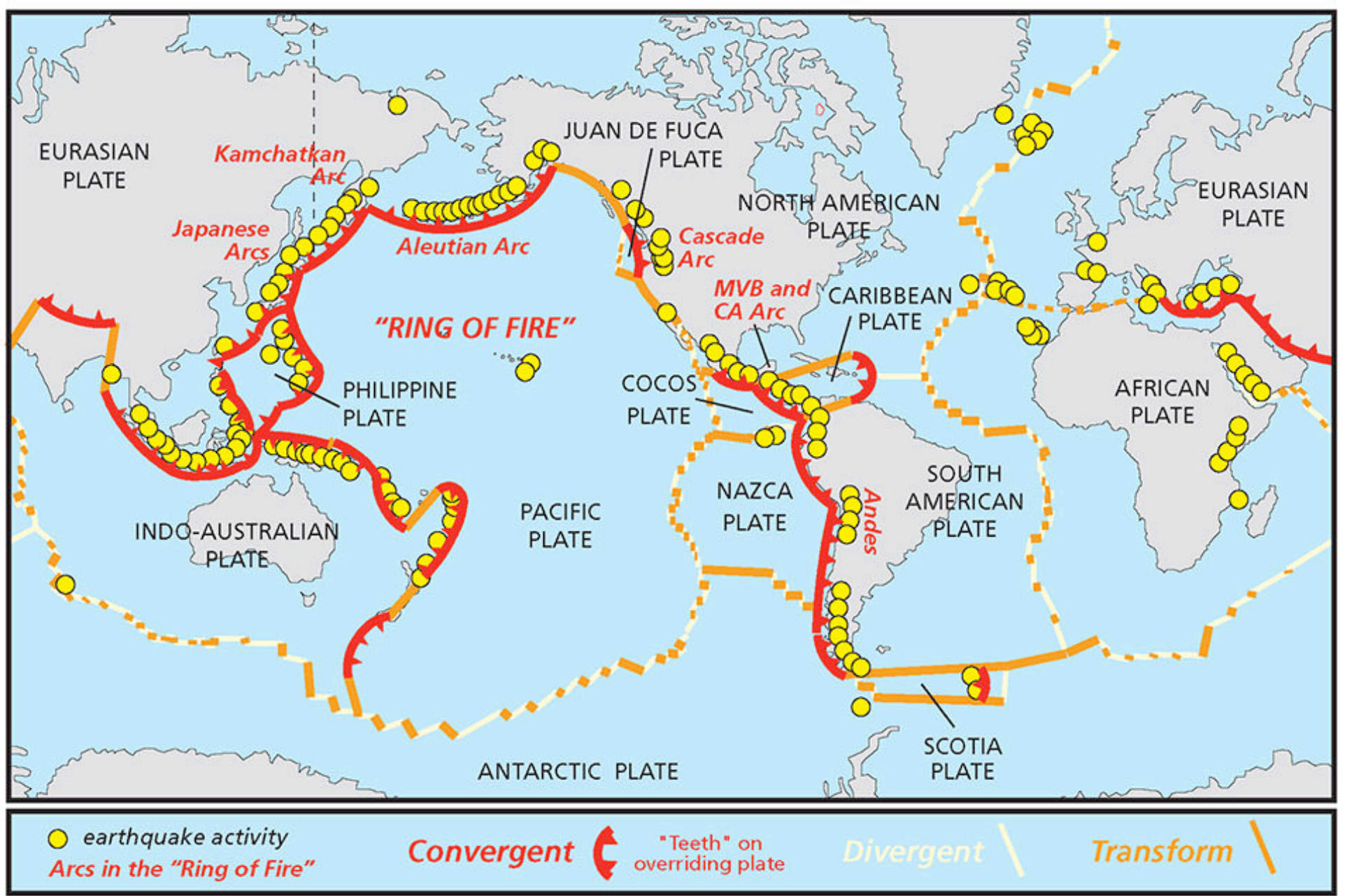
Plate tectonics – The earth is divided into plates that move around on its surface. When they converge they form mountains, volcanoes, or cause earth quakes.

❖ Continental Drift Theory – Approximately 225 million years ago, only one huge super continent of Pangaea existed. Eventually the continents all drifted apart.

❖ The “Ring of Fire,” where most of the world’s volcanic activity takes place, surrounds the Pacific Plate

❖ The San Andreas fault in California is the movement of the Pacific Plate and the American Plate





Answer your questions – share out

Latitude – The lines that go around the earth from east to west. They measure the distance north or south of the equator.

Longitude (meridians) – The lines that go around the earth from north to south, meeting at the poles. They measure distances east and west.



Equator – The line that is halfway between the north and south poles.

Latitude

North

(+)

90 90

60 60

30 30

Equator

0

30 30

60 60

90 90

South

(-)

Longitude

180

150

150

120

120

90

90

West
(-)

East
(+)

60

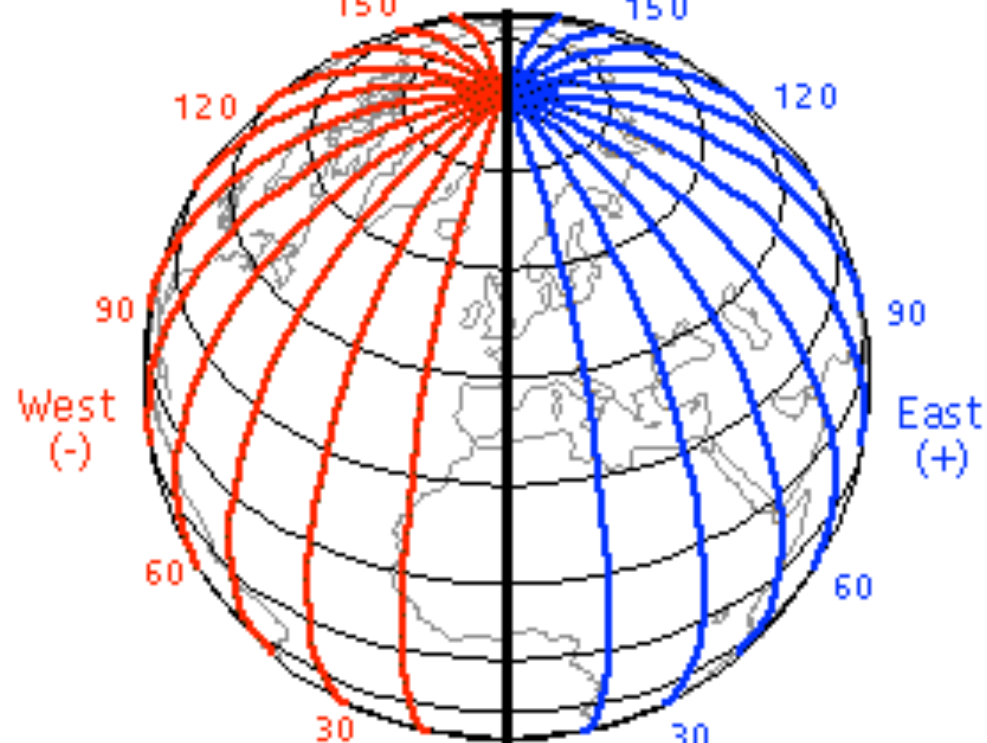
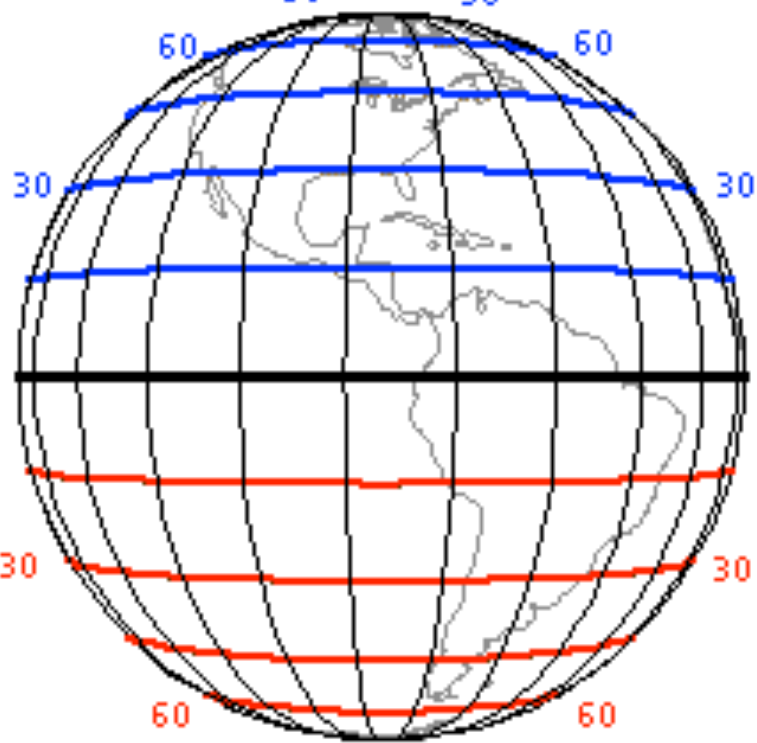
60

30

30

0

Prime
meridian



Tropic of Cancer – The line that marks the northern most point that the sun is directly overhead at the summer solstice. ($23\frac{1}{2}^{\circ}$ north of the equator)

Tropic of Capricorn – The line that marks the southern most point that the sun is directly overhead at the winter solstice ($23\frac{1}{2}^{\circ}$ south of the equator)



Prime Meridian - 0° longitude, goes through Greenwich, England.

International Date Line – The invisible line at approximately 180° longitude, which when traveling across going west a day is gained, going east a day is lost.

Time Zones – 24 in the world. Each 15° from the Prime Meridian is 1 hour

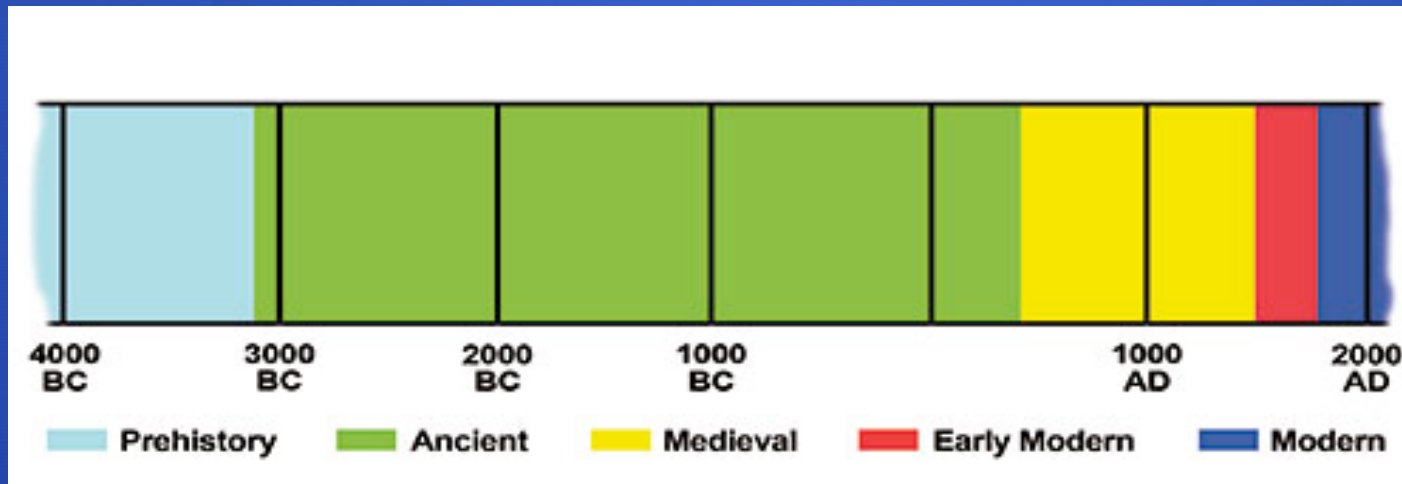


<https://www.youtube.com/watch?v=4ZuDzFjzoqc>

VOCABULARY

BC or BCE – “Before Common Era” – aka Before Christian Era

AD or CE – “Anno Domini”, which translates to “the Year of Our Lord or “Common Era”

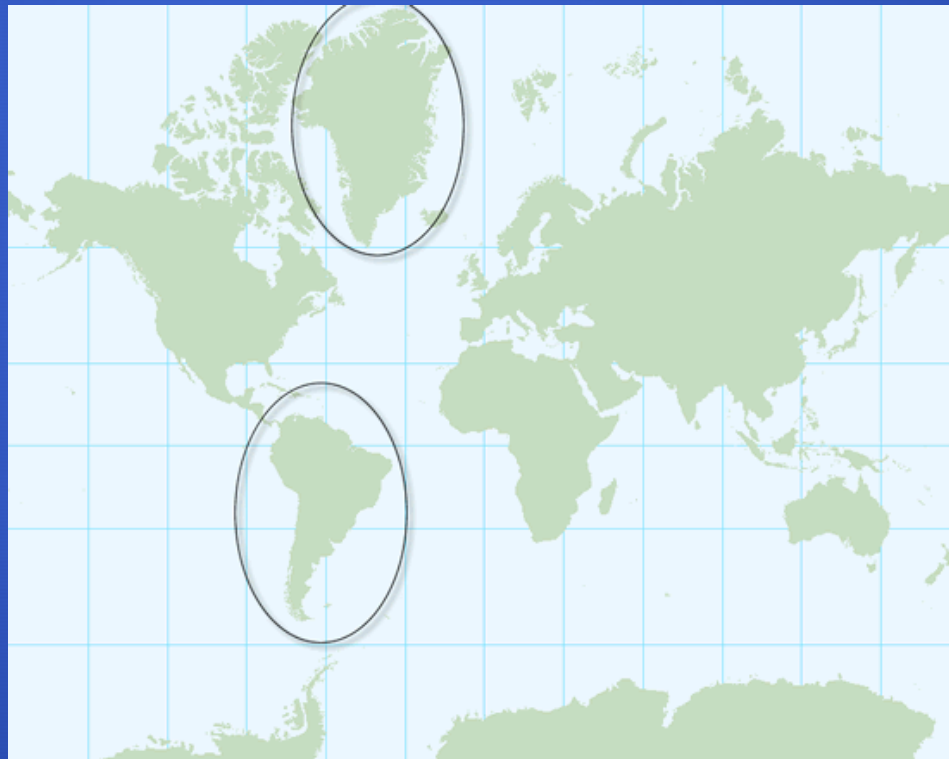


Today's date is: _____ BC? Or AD? (circle one)

VOCABULARY

Maps – a flat representation of the earth. Distorted due to the curve of the earth.

Globe – A spherical model of the earth.



VOCABULARY

Tobler hyperelliptical



Mollweide



Goode homolosine



Eckert IV



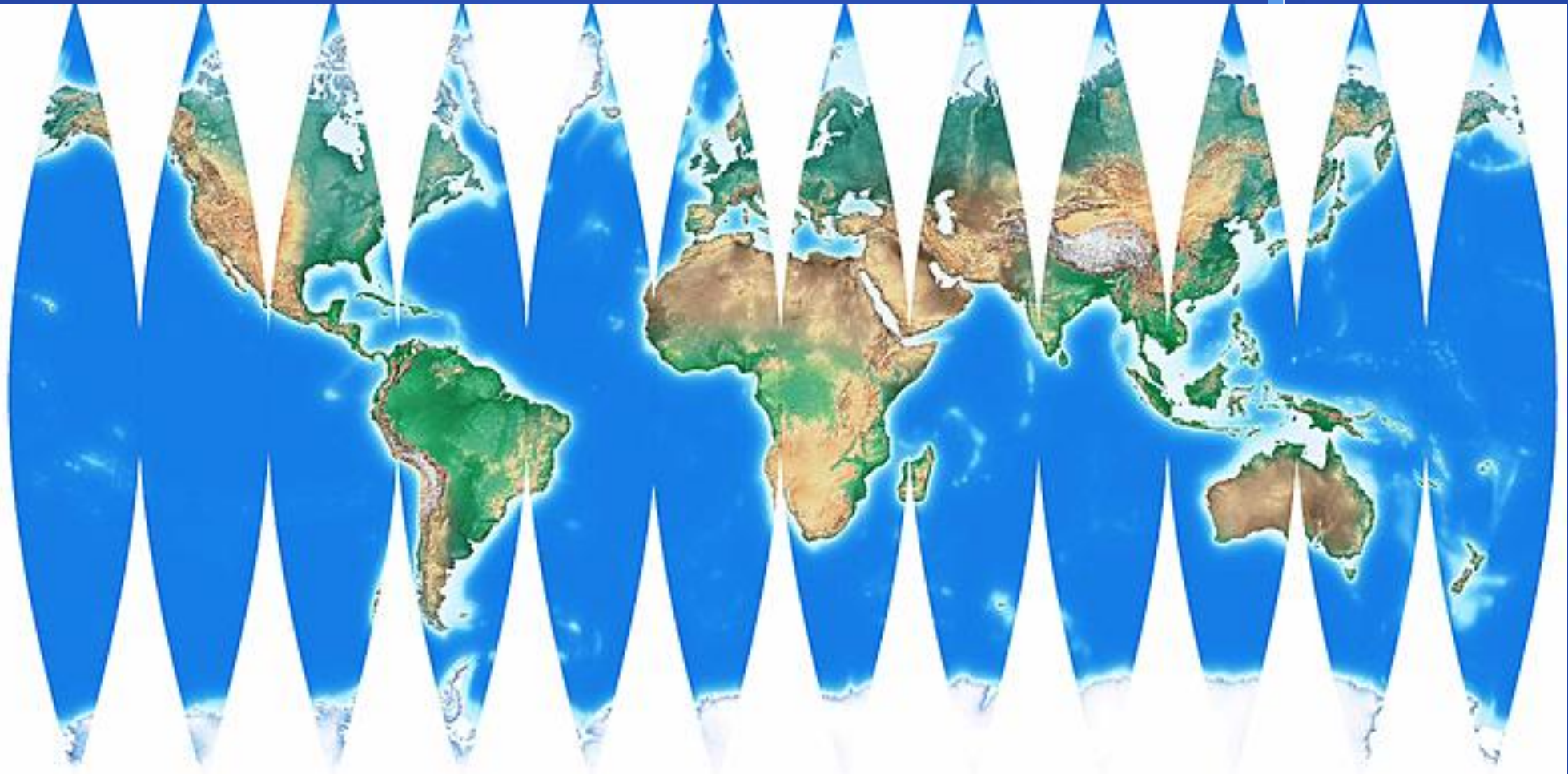
Eckert VI



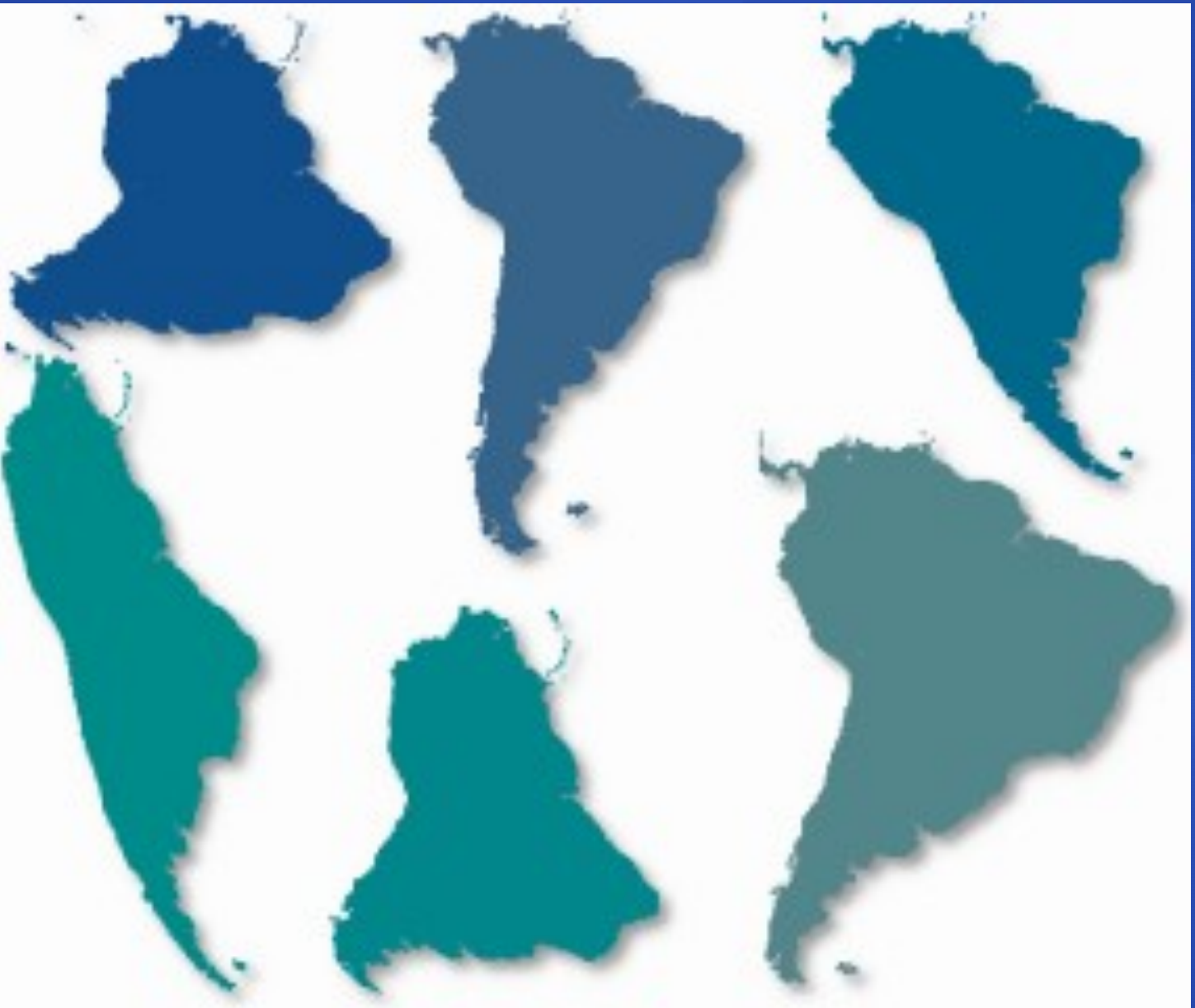
Kavrayskiy VII



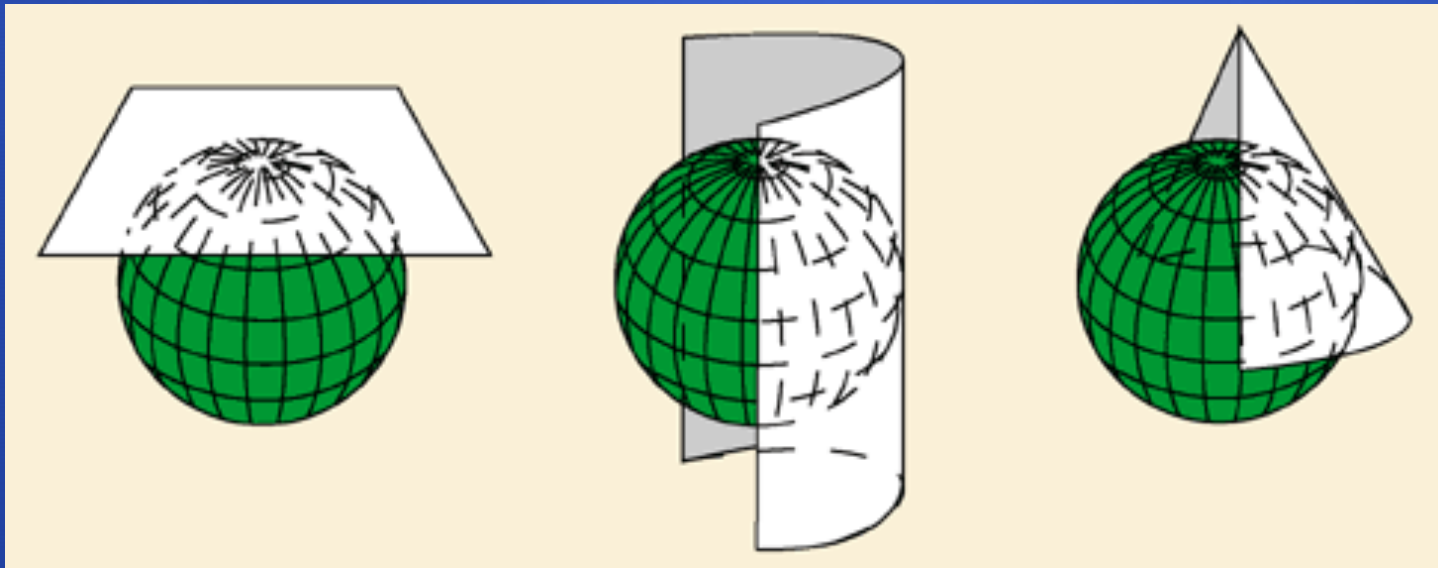
https://www.youtube.com/watch?v=KUF_Ckv8HbE



VOCABULARY



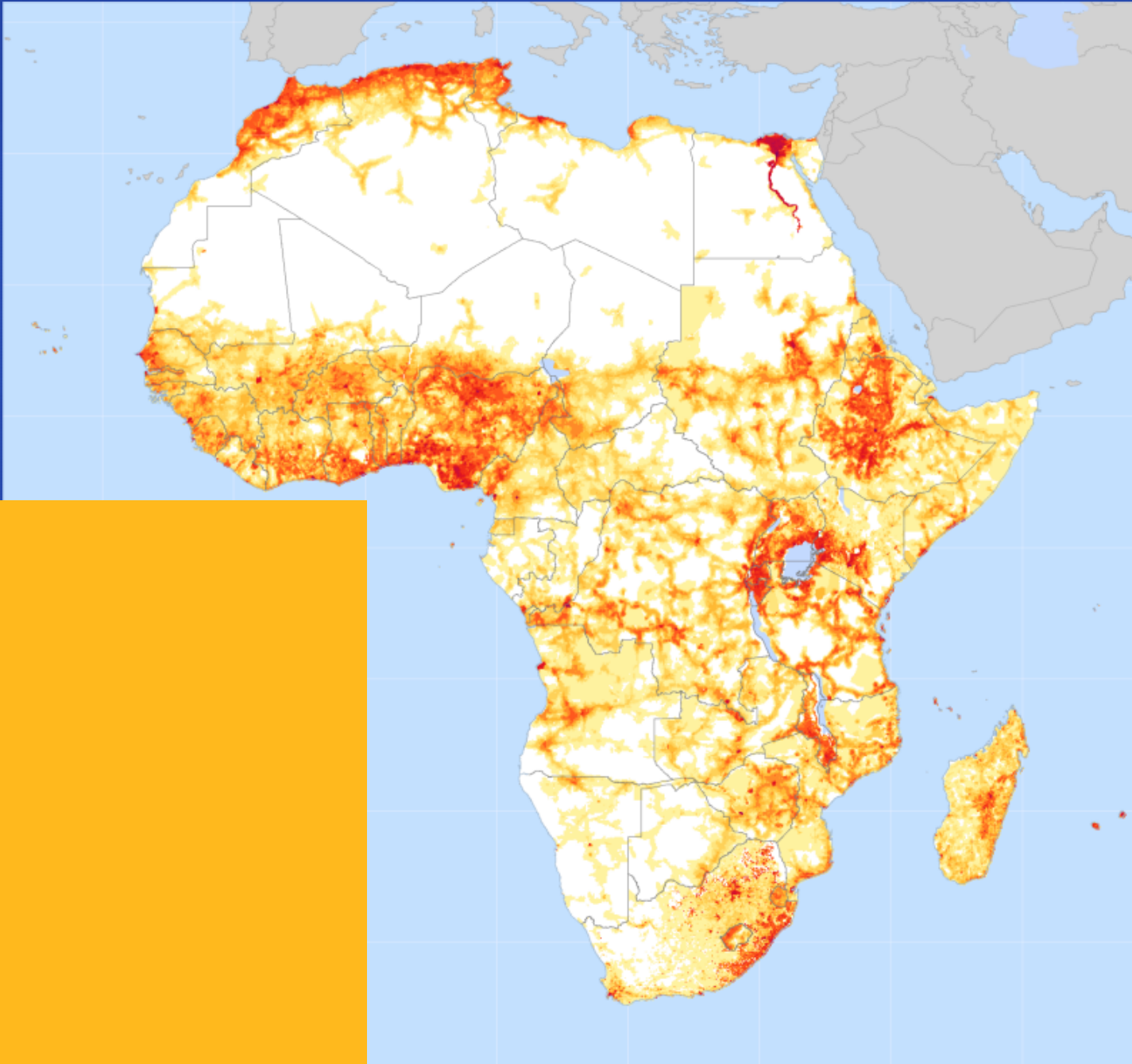
Projections – ways of flattening the globe onto a map.



VOCABULARY



Legend/key – a table that interprets symbols and color codes used on a map.



VOCABULARY

Ocean –

Sea –

Gulf –

Canal –

Strait –

*Your
turn to
help!*

VOCABULARY

Desert – a region that receives less than
8 inches of rain per year



Steppe – a flat grassland with no trees

Rain Forest – A wet, tropical, densely wooded area with tall trees forming a canopy which blocks the sun and has many varieties of plants.

VOCABULARY



Climate – the long-term weather pattern of a region.

Climate is mostly determined by Latitude

Seasons – the yearly cycle of variations in the weather.

They are caused by the tilt in the earth's axis.



Weather – the daily and hourly fluctuations and variations in the earth's atmosphere such as temperature, humidity, and precipitation.

VOCABULARY

- A) Tropic of Cancer
- B) Climate
- C) C.E. (or A.D.)
- D) Projections
- E) Equator
- F) Continent
- G) Strait
- H) Time Zones
- I) Seasons
- J) Hemispheres
- K) Globe
- L) Pangaea
- M) B.C. (or B.C.E.)
- N) Latitude
- O) Desert
- P) Prime Meridian
- Q) Canal
- R) Maps
- S) Plate Tectonics
- T) Tropic of Capricorn
- U) Steppe
- V) Weather
- W) International Date Line
- X) Rain Forest
- Y) Sea
- Z) Geology
- AA) Longitude
- BB) Ocean
- CC) Gulf
- DD) Geography

Geography Terms Practice Test

Take a "Post Test Map"

Redraw your map of the world from a new perspective (you can use an atlas)

- Accuracy
- Be creative, pick a different vantage point
- Must be colored
- Can add any details that mean something to you:
 - places you have been
 - places you want to go
 - sports teams
 - flags

Due FRIDAY

Extra Credit