

Building Vocabulary

geography

map

prime meridian

equator

GIS

globe

hemisphere

Landsat

cartographer

topographic map

latitude

map projection

longitude

A. Sentence Completion

Select the term that best completes the sentence.

1. A _____ is a two-dimensional graphic representation of a selected part of the earth's surface.
2. A _____ is a three-dimensional representation of the earth.
3. The _____ is an imaginary line that divides the northern and southern halves of the earth.
4. A _____ is another name for a mapmaker.
5. A _____ represents the natural and man-made features on the earth.

B. Matching

Match the definition in the second column with the word in the first column. Write the appropriate letter next to the word.

- | | |
|-------------------------|---|
| _____ 1. GIS | a. half of the globe |
| _____ 2. map projection | b. a series of satellites that can photograph the entire earth in 16 days |
| _____ 3. geography | c. a way of drawing the earth's surface that reduces distortion caused by converting three dimensions into two dimensions |
| _____ 4. hemisphere | d. the study of the distribution and interaction of physical and human features on the earth |
| _____ 5. prime meridian | e. line used to locate places north or south |
| _____ 6. latitude | f. a system that uses digital map information to create a databank |
| _____ 7. longitude | g. line used to locate places east or west |
| _____ 8. Landsat | h. the imaginary line dividing the earth into east and west |

C. Writing About Geography

Locate Chicago on a map. Using each of the following terms correctly, describe the location of this city on the back of this page. Underline each term you use.

absolute location
topographic map

latitude
longitude

hemisphere

Building Vocabulary

mantle	Richter scale	continental shelf
crust	loess	lava
delta	drainage basin	sediment
hydrosphere	water table	moraine
epicenter	atmosphere	humus

A. Sentence Completion

- Select the term that best completes the sentence.
- Floating on the earth's core is the _____, a soft layer about 1,800 miles thick of molten rock.
 - The _____ contains the oxygen we breathe, protects the earth from radiation and space debris, and provides the medium for weather and climate.
 - The level at which the rock below the soil is saturated marks the rim of the _____.
 - The _____ uses information collected by seismographs to determine the relative strength of an earthquake.
 - Rocks left behind by a glacier may form a ridge or a hill called a _____.

B. Matching

- Match the definition in the second column with the word in the first column. Write the appropriate letter next to the word.
- | | |
|-----------------------------|--|
| _____ 1. hydrosphere | a. the point on the earth's surface directly above the beginning of an earthquake |
| _____ 2. drainage basin | b. the organic material in soil |
| _____ 3. crust | c. very fine particles of rock |
| _____ 4. epicenter | d. made up of water elements on the earth including oceans, rivers, lakes, and water in the atmosphere |
| _____ 5. lava | e. magma that has reached the earth's surface |
| _____ 6. sediment | f. the thin layer of rock at the surface of the earth |
| _____ 7. delta | g. the earth's surface from the edge of a continent to the deep part of the ocean |
| _____ 8. loess | h. windblown silt and clay sediments that produce fertile soil |
| _____ 9. humus | i. an area drained by a major river and its tributaries |
| _____ 10. continental shelf | j. a fanlike landform of sediment that is deposited when a river enters the ocean |

C. Writing About Geography

Imagine you are a scientist who has to write a report about a recent powerful earthquake. Using each of the following terms correctly, describe the strength and the possible side effect of the earthquake on the back of this page. Underline each term you use.

epicenter earthquake tsunami Richter scale seismograph

Building Vocabulary

solstice	rain forest	tornado
biome	permafrost	needleleaf
greenhouse effect	equinox	coniferous
typhoon	blizzard	rain shadow
drought	steppe	

A. Sentence Completion

Select the term that best completes the sentence.

1. Winter _____, the beginning of winter, is the shortest day of the year.
2. Twice a year on the _____, the days and nights all over the world are equal in length.
3. The land on the leeward side of hills or mountains is called a _____, because it gets little rain from the descending dry air.
4. Some scientists argue that global temperature increases are caused by the _____.
5. Needleleaf trees are also called _____ trees.

B. Matching

Match the definition in the second column with the word in the first column. Write the appropriate letter next to the word.

- | | |
|----------------------|--|
| _____ 1. typhoon | a. a regional ecosystem |
| _____ 2. tornado | b. a heavy snowstorm |
| _____ 3. blizzard | c. pine, fir, and cedar trees |
| _____ 4. drought | d. an area located in the Tropical Zone that is heavily covered with broadleaf trees |
| _____ 5. permafrost | e. the name for a hurricane in Asia |
| _____ 6. biome | f. a long period without rain or with very minimal rainfall |
| _____ 7. rain forest | g. a powerful, funnel-shaped column of spiraling air |
| _____ 8. needleleaf | h. vast grassland regions in the Northern Hemisphere |
| _____ 9. steppes | i. land in which the subsoil is constantly frozen |

C. Writing About Geography

Imagine you have survived a hurricane that has hit Indonesia. Using each of the following terms correctly, describe the storm and its effect on animal and plant life. Use the back of this page and underline each term.

typhoon rain forest deciduous ecosystem

Building Vocabulary

per capita income	economy	stateless nation
state	nation	economic system
culture	nation-state	innovation
animistic	natural resources	rate of natural increase

A. Sentence Completion

- Select the term that best completes the sentence.
- _____ is the total knowledge, attitudes, and behaviors shared by and passed on by the members of a specific group.
 - Taking existing elements of society and creating something new to meet a need is called _____.
 - To find the _____, you need to subtract the mortality rate from the birthrate.
 - A _____ is an independent unit that occupies a specific territory and has full control of its internal and external affairs.
 - A _____ refers to a group of people with a common culture living in a territory and having a strong sense of unity.

B. Matching

- Match the definition in the second column with the word in the first column. Write the appropriate letter next to the word.
- | | |
|----------------------------|--|
| _____ 1. economy | a. materials on or in the earth that have economic value |
| _____ 2. natural resources | b. a specific group that shares languages, customs, and a common heritage |
| _____ 3. economic system | c. a nation that does not have a territory |
| _____ 4. per capita income | d. a version of a language |
| _____ 5. ethnic group | e. the production and exchange of goods and services among a group of people |
| _____ 6. dialect | f. a territory that combines a nation and a state |
| _____ 7. animistic | g. the average amount of money earned by each person in a political unit |
| _____ 8. nation-state | h. the way people produce and exchange goods |
| _____ 9. stateless nation | i. religion that often involves a belief in divine forces in nature |
| _____ 10. landlocked | j. a term used to describe a country that has no outlet to the sea |

C. Writing About Geography

- Imagine you are a city planner who has to write a development plan for a city. Using each of the following terms correctly, write a plan on the back of this page. The plan should describe the location, why the location is a good one, the transportation network needed, and the use of land in the city.

urban geography metropolitan area central business district suburbs
residential industrial commercial