

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

## Map Olympics Note Taker

### Globes v.s. Maps

A model of the Earth is called a \_\_\_\_\_.

A map is a \_\_\_\_\_ picture of the whole world or just part of it.

### Kinds of Maps

A \_\_\_\_\_ map shows information about a specific topic.

A \_\_\_\_\_ map shows elevations, water depths, and other physical features, such as mountains and rivers.

A \_\_\_\_\_ map shows areas under government, such as countries, states, provinces, territories, and cities.

A \_\_\_\_\_ map shows the kind of weather a place has over long periods of time.

An \_\_\_\_\_ map shows what kind of land is found in different areas.

An \_\_\_\_\_ map shows how people make a living in different areas.

A \_\_\_\_\_ map shows how many people live in different areas.

### Locations

The \_\_\_\_\_ is a set of criss-crossing lines that circle Earth.

Lines of Latitude run \_\_\_\_\_. The \_\_\_\_\_ is at 0 degrees latitude and is halfway between the North Pole and South Pole. Lines of latitude are also called \_\_\_\_\_.

Lines of Longitude run \_\_\_\_\_. The \_\_\_\_\_ is at 0 degrees longitude. Lines of longitude are also called \_\_\_\_\_.

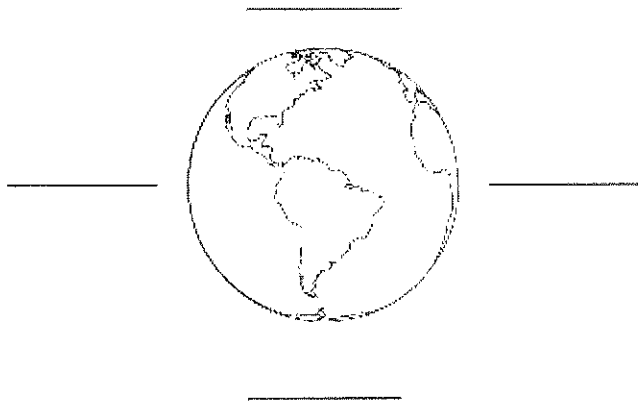
Every location on Earth has a \_\_\_\_\_.

\_\_\_\_\_ also help people locate places.

## Projections and Orientation of the Earth

The only way to make a flat map of the round Earth is by \_\_\_\_\_  
Different methods of representing a round Earth on a flat surface are called

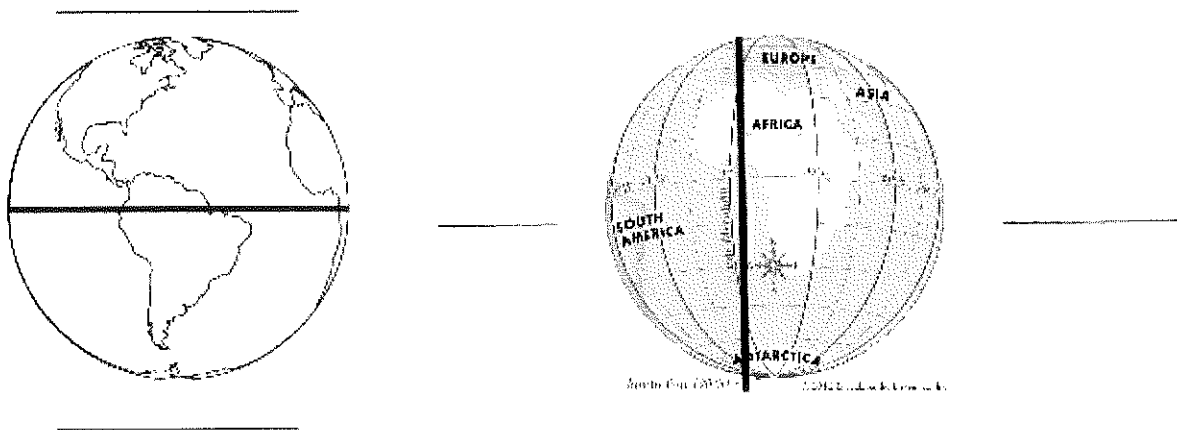
Label the four cardinal directions on this representation of the Earth. Which ones are poles?



A \_\_\_\_\_ shows directions on most maps. Some maps only include a \_\_\_\_\_.

## Halves of the Earth and Using a Map

A hemisphere means "half". Label the four hemispheres.



A \_\_\_\_\_ of a map explains the symbols used on the map.

The \_\_\_\_\_ tells how much smaller the map is than that real area it represents.

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

## Map Olympics Note Taker

### Globes v.s. Maps

A model of the Earth is called a globe.

A map is a flat picture of the whole world or just part of it.

### Kinds of Maps

A thematic map shows information about a specific topic.

A physical map shows elevations, water depths, and other physical features, such as mountains and rivers.

A political map shows areas under government, such as countries, states, provinces, territories, and cities.

A climate map shows the kind of weather a place has over long periods of time.

An environments map shows what kind of land is found in different areas.

An economies map shows how people make a living in different areas.

A population density map shows how many people live in different areas.

### Locations

The grid system is a set of criss-crossing lines that circle Earth.

Lines of Latitude run east - west. The equator is at 0 degrees latitude and is halfway between the North Pole and South Pole. Lines of latitude are also called parallels.

Lines of Longitude run north - south. The prime meridian is at 0 degrees longitude. Lines of longitude are also called meridians.

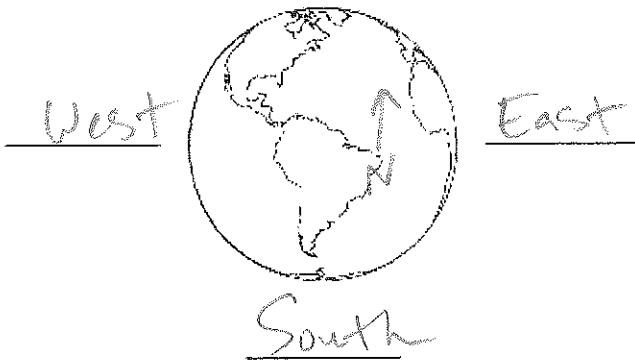
Every location on Earth has a global address.

letter-number grids also help people locate places.

## Projections and Orientation of the Earth

The only way to make a flat map of the round Earth is by changing the shape.  
Different methods of representing a round Earth on a flat surface are called  
Map projections.

Label the four cardinal directions on this representation of the Earth. Which ones are poles? n/s

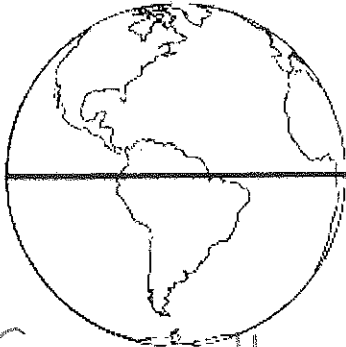


A COMPASS ROSE shows directions on most maps. Some maps only include a NORTH arrow.

## Halves of the Earth and Using a Map

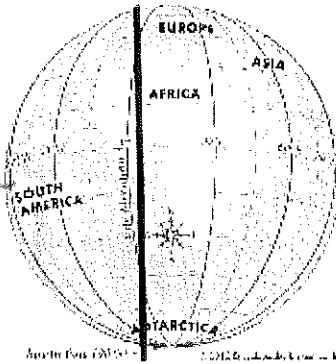
A hemisphere means "half". Label the four hemispheres.

Northern Hemisphere



Southern Hemisphere

Western Hemisphere



Eastern Hemisphere

A legend of a map explains the symbols used on the map.

The MAP SCALE tells how much smaller the map is than that real area it represents.