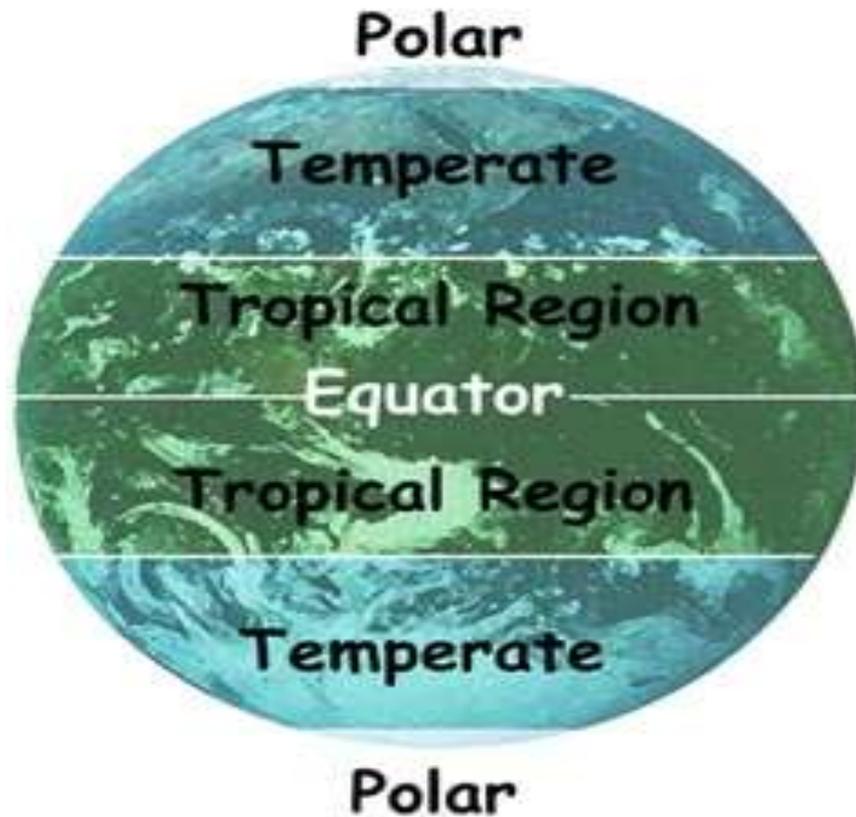
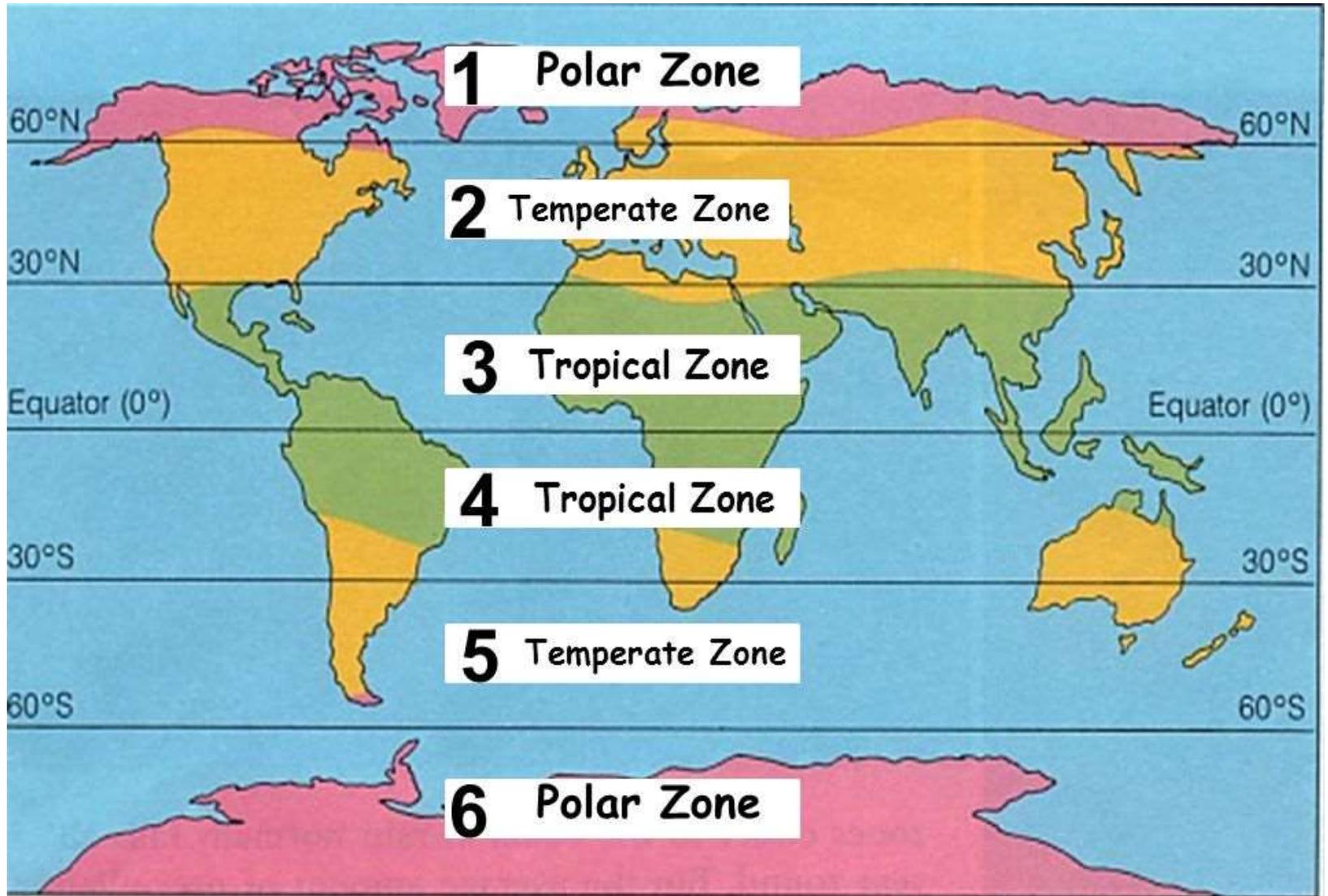


Climatic Zones



Did you know that the Earth is divided into Three (3) climatic Zones ?





Label the climate zones

Did you know that

Tropical Zone

The **tropical zone** is between 23.5° north (the tropic of Cancer) and 23.5° south (the tropic of Capricorn) of the equator.

The sun's rays are most intense and the temperatures are always warm.



<http://www.touristmaker.com/images/tropical/wet-tropical-climate.jpg>



<http://blogs.nature.com/climatefeedback/files/raiforest2.jpg>

Some countries found in the Tropical Zone

- Guyana
- Suriname
- Venezuela
- Brazil
- Aruba
- Barbados
- Dominica
- Cuba
- Mexico
- Panama
- Somalia
- Mali
- Malaysia
- Laos
- India
- Congo
- Haiti
- Trinida & Tobago

Climate of the Tropical Zone

- Rainfall



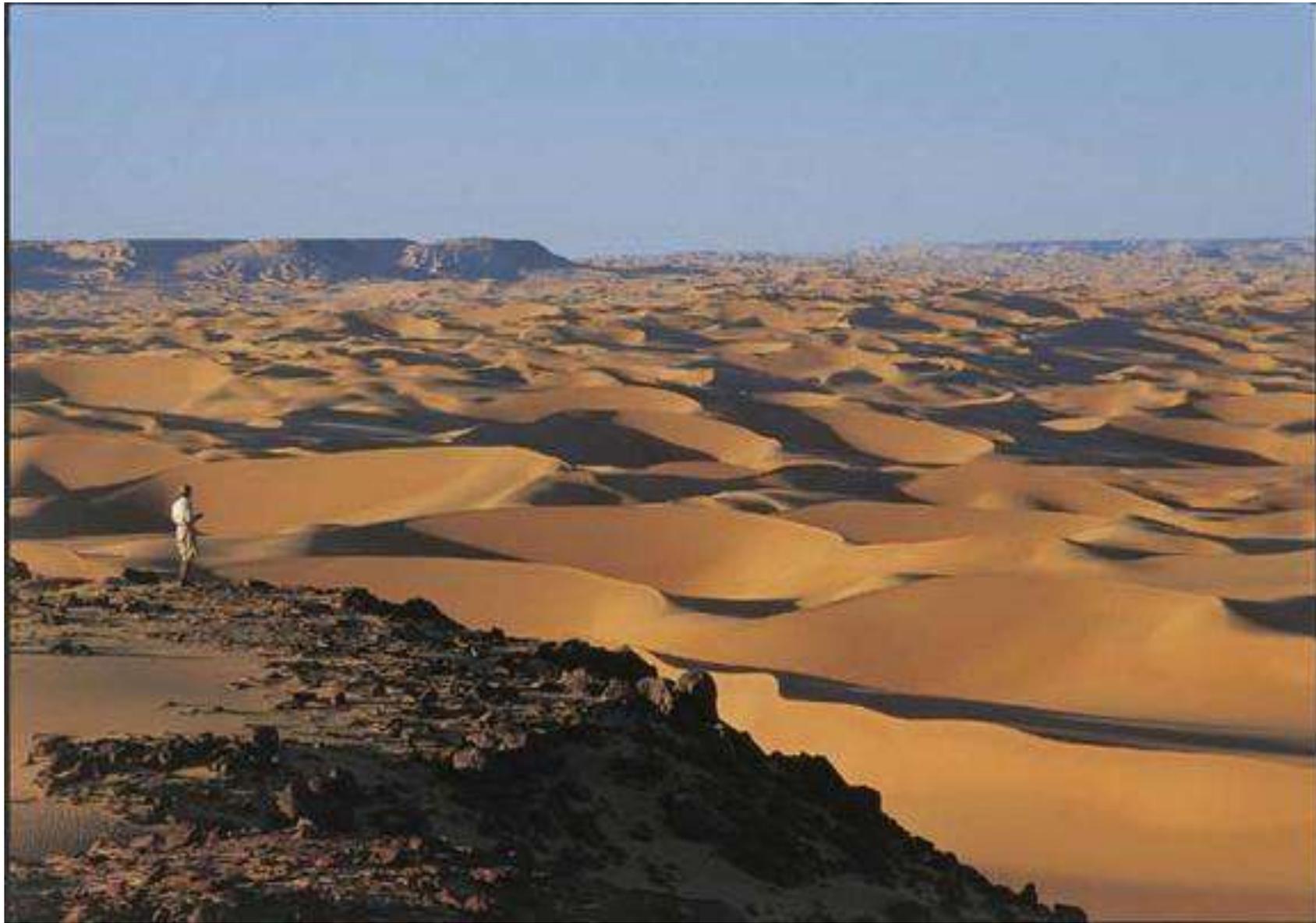
- Sunshine



The Tropical Zone consists of many deserts







Nomads are people who spend the whole of their lives moving from one place to another.

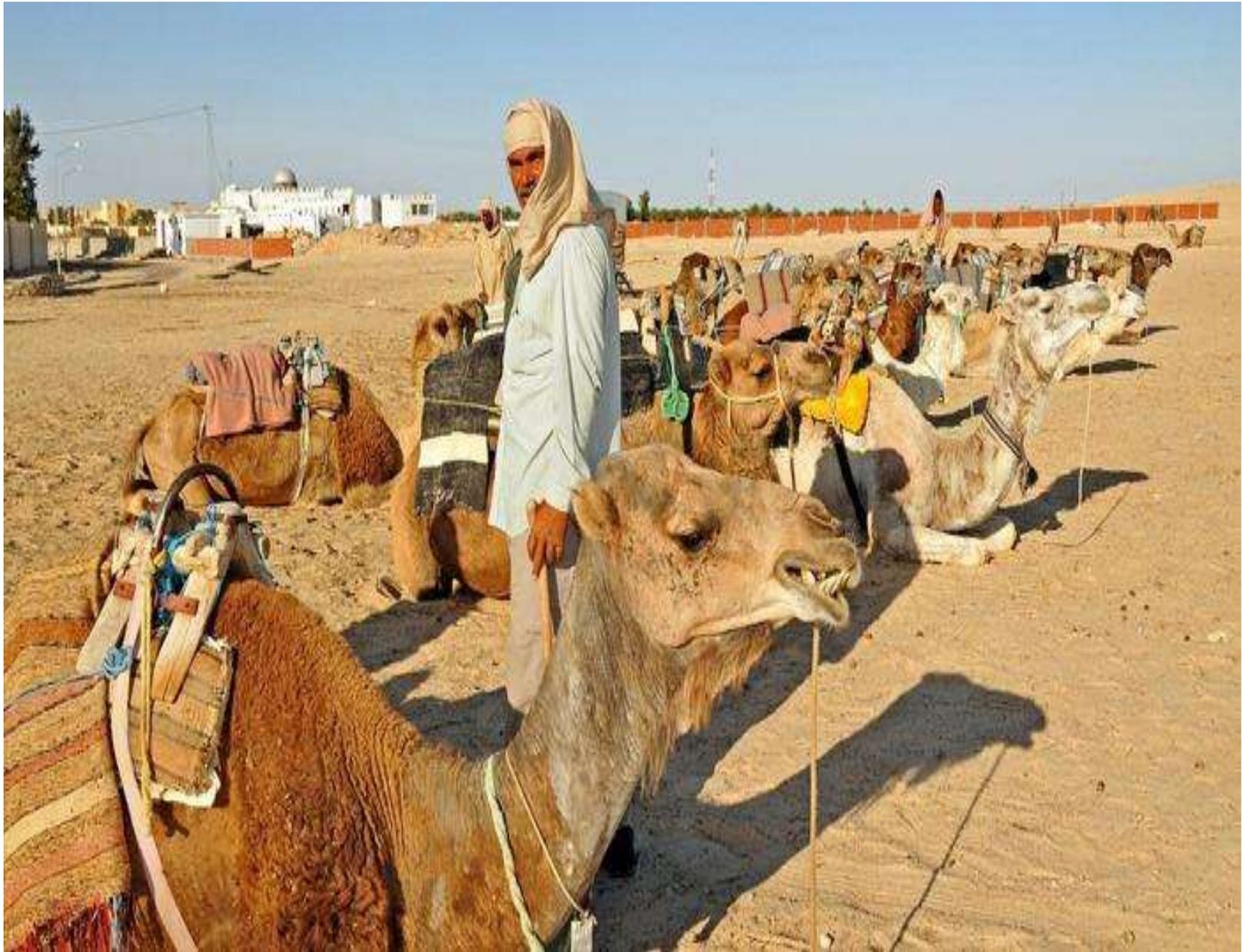


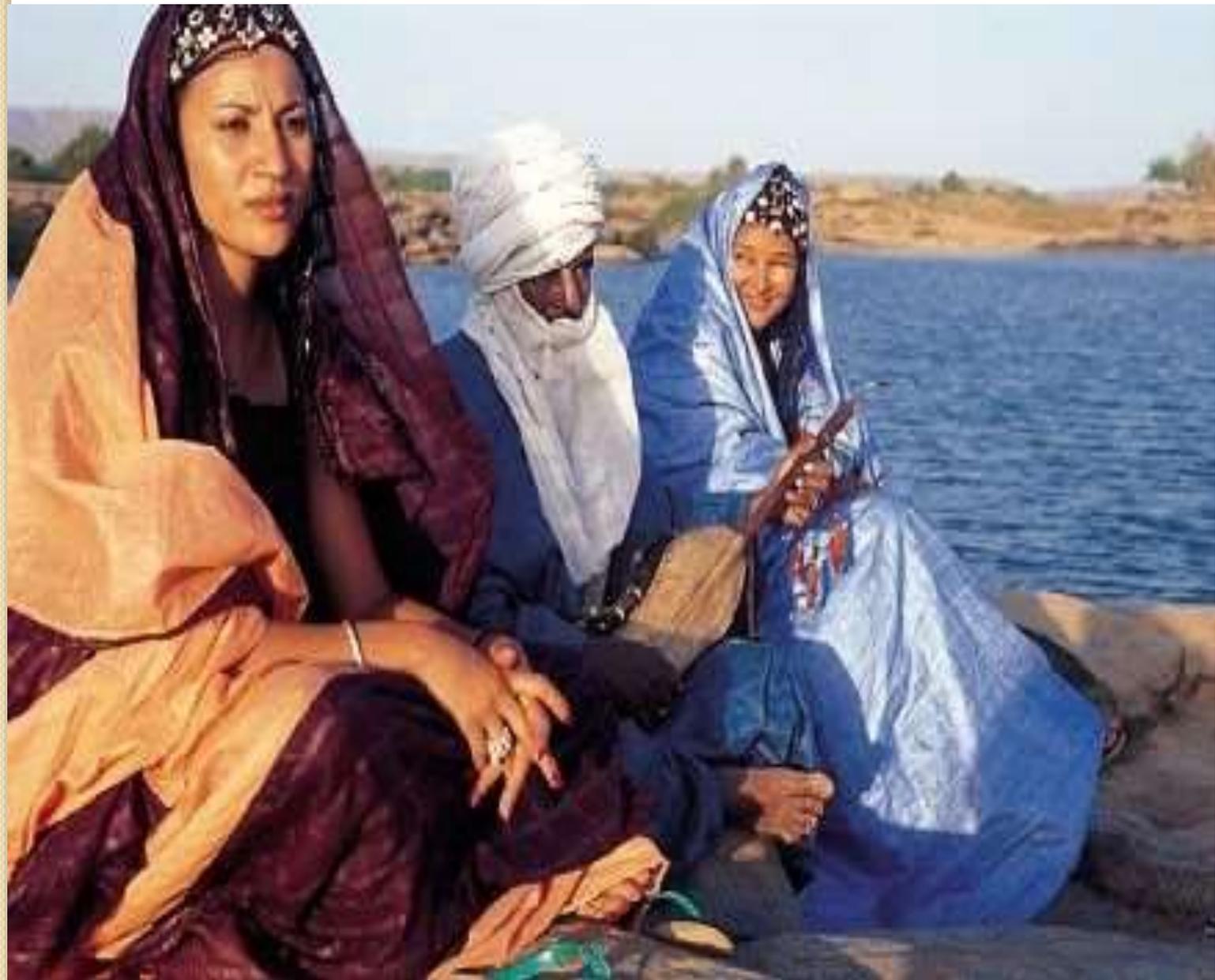
They live in tents or huts



They usually wear loose, thick clothing. This protects them from the sun in the day and keep them warm in the night.







The Temperate Zone lies between the Antarctic Circle and the Tropic of Capricorn



The Effect of Latitude on Climate

The **temperate zones** sit between the polar zones and the tropics.

Temperate zones are more affected by the changing angle of the sun over the course of a year.

As a result, the climate in these zones ranges from hot to cold, depending on the season.

Seasons of the Temperate Zone

Can you identify them?

Summer, Winter, Autumn, Spring



fall

red orange
yellow brown
leaves fall down
cool



winter

no leaves on trees
snow white
cold



The Seasons

summer

sunny hot
green
lots of green leaves



spring

green
flowers bloom
warm
leaves begin growing



Some countries in the Temperate Zone are:

- United States
 - Canada
 - Japan
 - Uruguay
 - All of Europe
 - New Zealand
-
- Did you know that majority of the world's population lives in this zone?

The image features a dark, almost black background speckled with numerous small, white, out-of-focus points of light, resembling a starry night sky. On the far left, there is a vertical gold-colored bar with a fine, repeating dot pattern. Centered in the dark field is the text "THE POLAR ZONE" in a white, serif, all-caps font. The text is arranged in three lines: "THE" on the top line, "POLAR" on the middle line, and "ZONE" on the bottom line. The font has a slightly distressed or weathered appearance, with some internal texture visible in the letters.

THE
POLAR
ZONE

The Effect of Latitude on Climate

The **polar zones** are cold areas where the sun's rays strike Earth at a very low angle.

Polar zones are located in the areas around the North and South poles, between 66.5° and 90° North and South latitudes.



For about 6 months in the year the sun cannot be seen in countries near the poles, but for the next 6 months there is daylight.

These lands, called Frigid and Polar or Artic and Antarctic Zones or Regions are very cold lands.



Countries in the Polar Zone includes

- Canada
- Greenland
- Norway
- Finland
- Russia
- Iceland
- Alaska











walrus



seal



polar bear



Arctic fox



reindeer



moose



puffin



snowy owl



Arctic dog

People who live in the Arctic lands are called **Eskimos**.



Their homes are called **igloo**.
It is built of blocks of frozen
snow.





Their clothes

- Long ago they used the skins of animals like the reindeer for clothing.



Their food





The Eskimos depend on hunting for most of their foods.

They gather enough food to last them throughout winter. Besides collecting berries, they hunt seals, walrus, fish, whale and blubber.

At present they also use tinned foods.



Let us see how much you remembered from the lesson.

Quiz #1 cont.

Sunlight strikes the Earth's surface most directly in what region?

- a) Polar zone
- b) Temperate zone
- c) Tropical zone

