

Mexico Today



Learning Objective:

To know about the weather and climate of Mexico

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What is the difference
between weather and
climate?

Think, pair, then share your ideas.

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Weather is how we describe the conditions outside over a short period of time, such as a few hours or days. It might be sunny, hot, windy, cloudy, raining or snowing. Weather is constantly changing.

Climate is how we describe the conditions outside over a longer period of time, such as months or years. It is based on the average weather conditions in an area.



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The climate of an area depends on lots of different factors:

The amount of sunlight the area gets.



The height of the land above sea level.



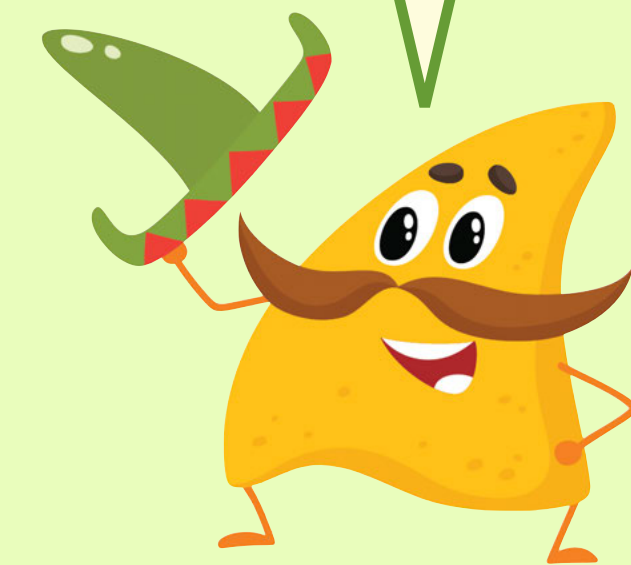
The shape of the area of land.



The nearness to the sea or ocean.



The distance of the area from the equator.

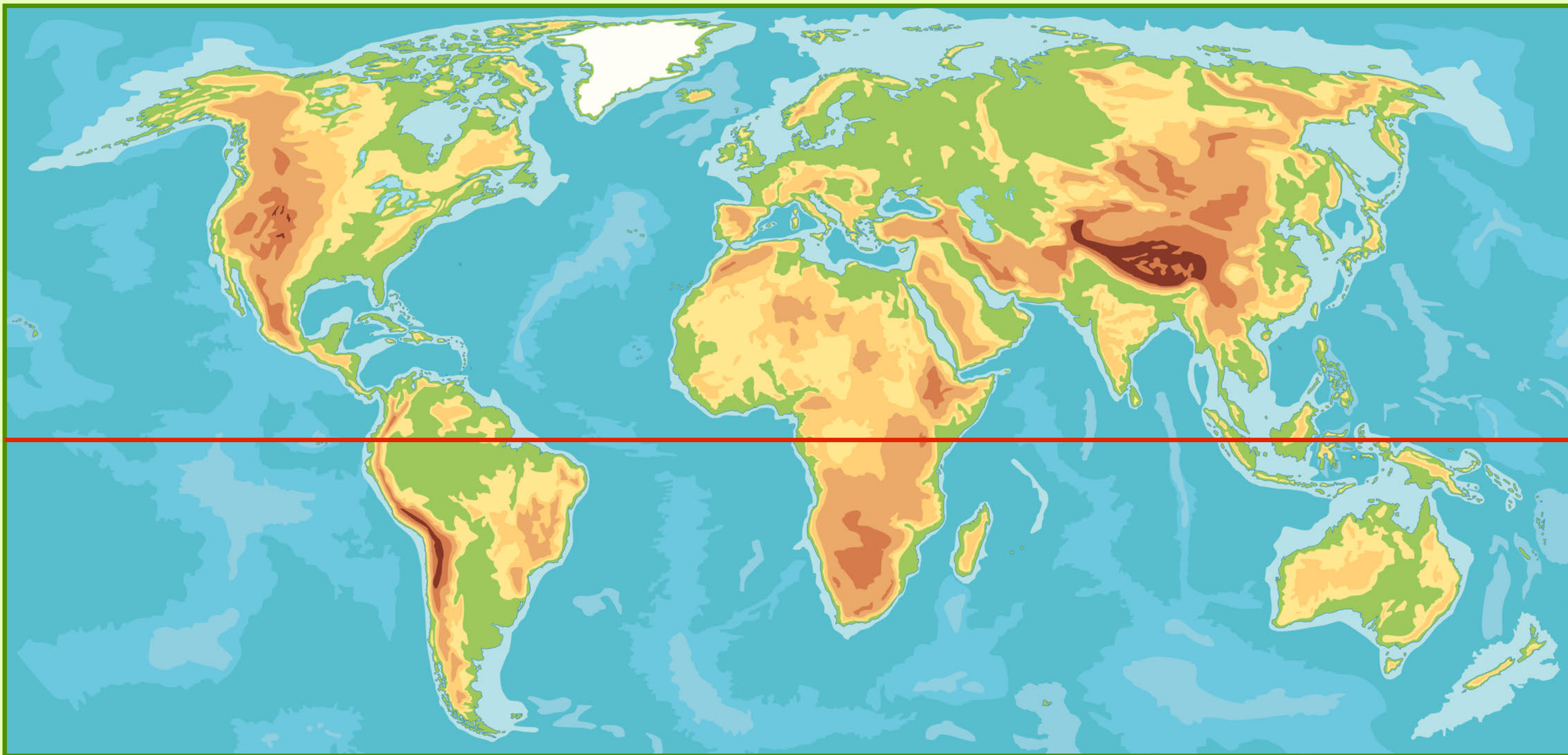


Could a country have more than one type of climate? Why?

Think, pair, then share your ideas.

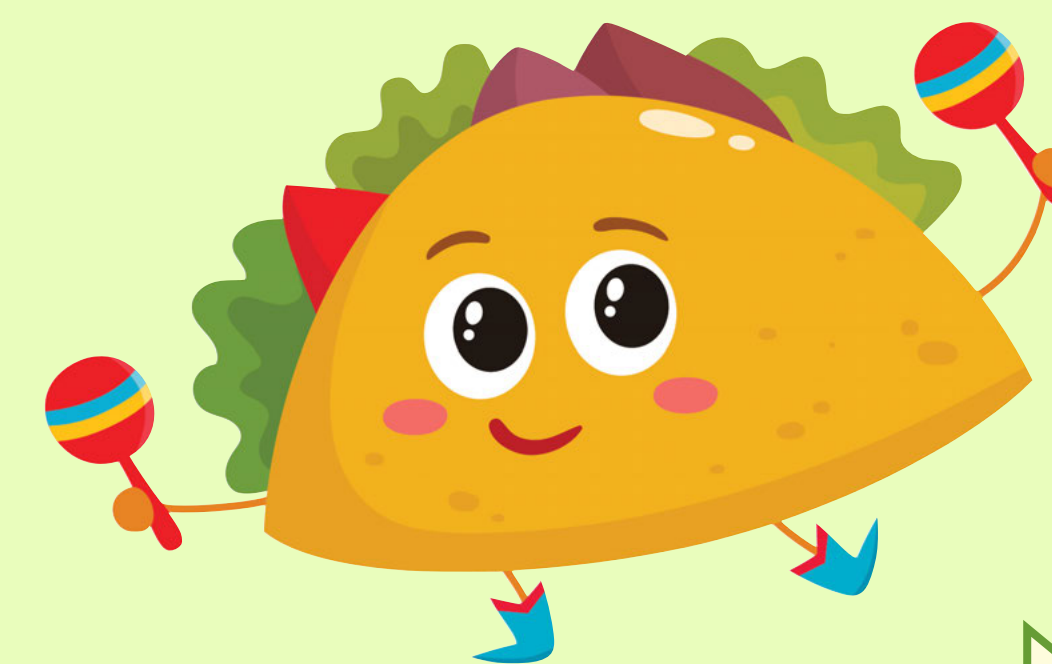
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Areas that are closer to the equator receive more sunlight, and experience higher temperatures, than those that are further away.

The red line on the map is the equator. The equator is an imaginary line around the middle of the earth.



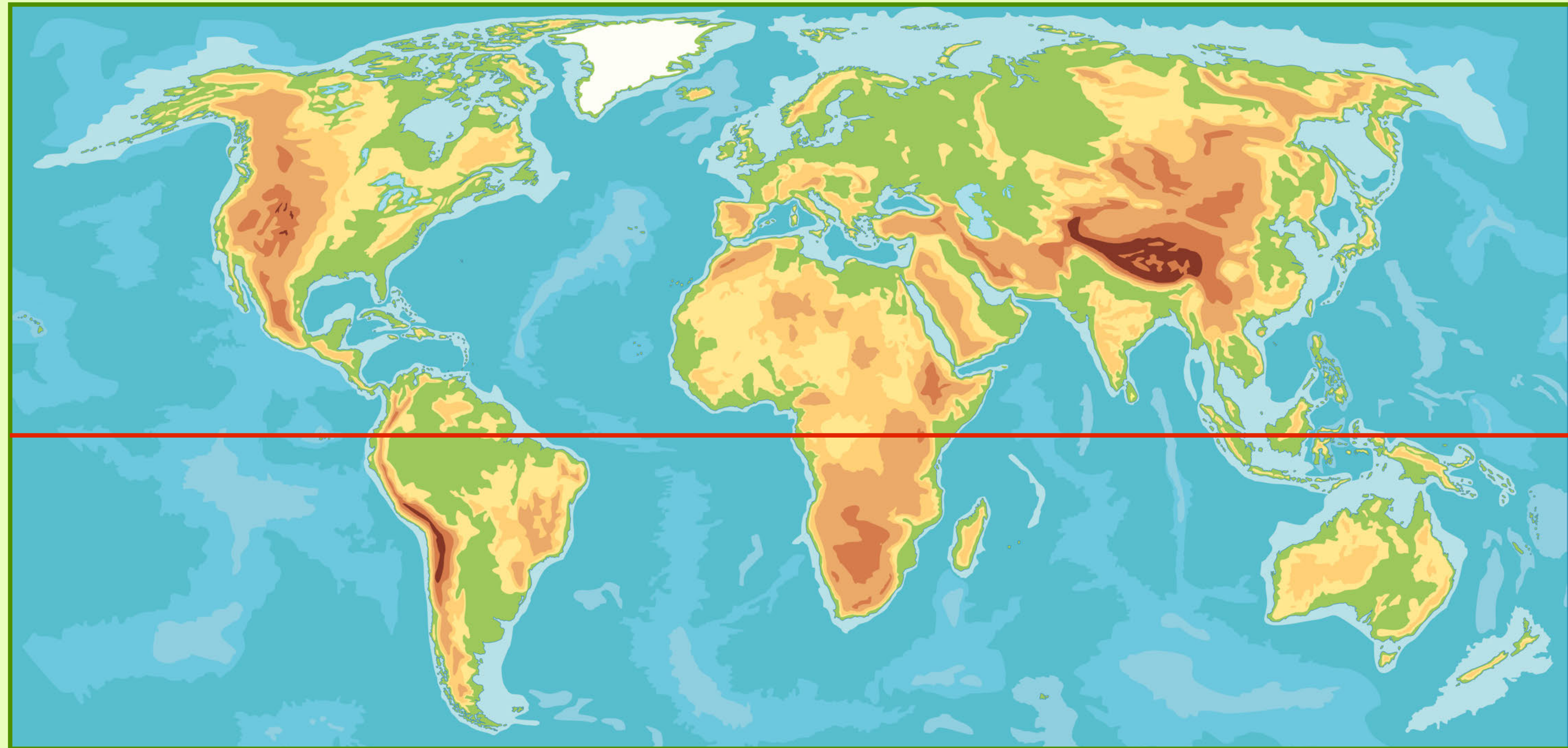
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The higher an area of land is above sea level, the colder the temperatures there become.



Areas near the coast tend to be cooler in the summer and warmer in the winter than areas further inland.

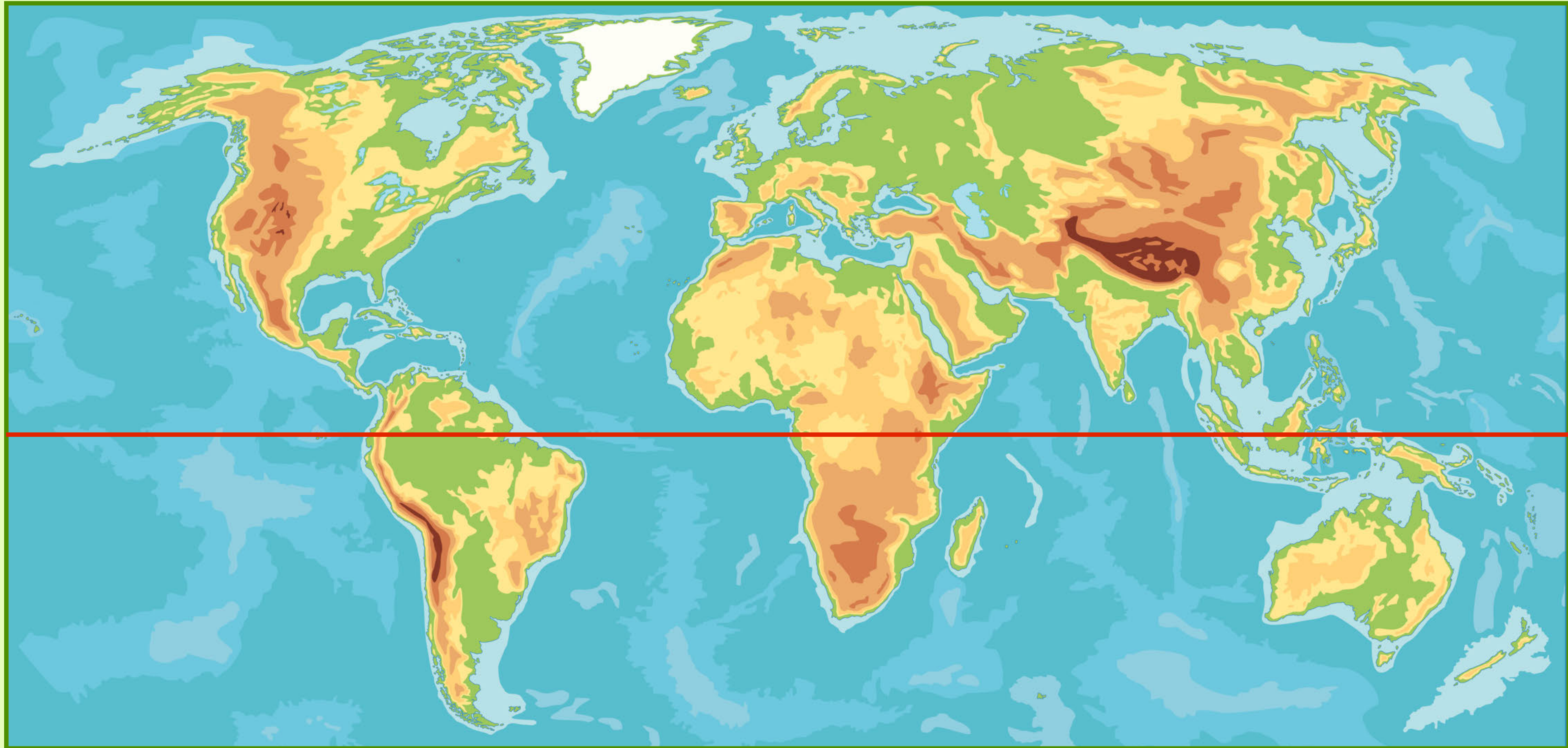


This is a physical map of the world. The darker brown an area is, the higher the land is above sea level in that location.

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Based on this information, what do you think the climate of Mexico is like?



Think, pair, then share your ideas.

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Due to the position and shape of the country, Mexico has many different types of climates. However, the country can be divided more simply into two main climate zones:



The regions of North Mexico and the Baja Peninsula have a **temperate** climate.

The regions of Central Mexico, the Gulf, the Pacific Coast and the Yucatan Peninsula mostly have a **tropical** climate.



Which climate zone do you think is hotter, and why?

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Temperate climate:

Areas in this climate zone of Mexico experience average summer temperatures of 20°C to 24°C, with noticeably cooler winter months. There are four main seasons: Spring, Summer, Autumn and Winter.



Which climate zone would you prefer to live in and why?

Tropical climate:

Areas in this climate zone of Mexico experience a constant temperature of between 24°C and 28°C all year round. This climate zone receives more rainfall. There are only two seasons: Wet and Dry.

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Can you work out who lives in which city based on their descriptions of their area's climate?

It never gets cold here! The temperature stays pretty much the same, but we do get quite a lot of rain.

Maria



The weather here can be a bit more unpredictable. Winters are cooler than summers.

Miguel & Antonio



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Did you get them right?

I live in Tapachula in the state of Chiapas. We have a tropical climate.

Maria



We live in Delicias in the state of Chihuahua. We have a temperate climate.

Miguel & Antonio



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Now it is time for you to find
out more about the
weather and climate
of Mexico!



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Plenary:

These tables of data show the average temperature and rainfall for London and Mexico City.

London	J	F	M	A	M	J	J	A	S	O	N	D
Average temperature (°C)	7	7	9	12	15	18	20	19	17	14	10	7
Average rainfall (mm)	55	41	42	44	50	45	45	50	49	69	59	55

Mexico City	J	F	M	A	M	J	J	A	S	O	N	D
Average temperature (°C)	15	16	18	20	20	19	18	18	18	17	16	15
Average rainfall (mm)	9	7	11	23	54	110	124	119	102	52	8	8



Compare and contrast the two cities. What do you notice?

Think, pair, then share your ideas.

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