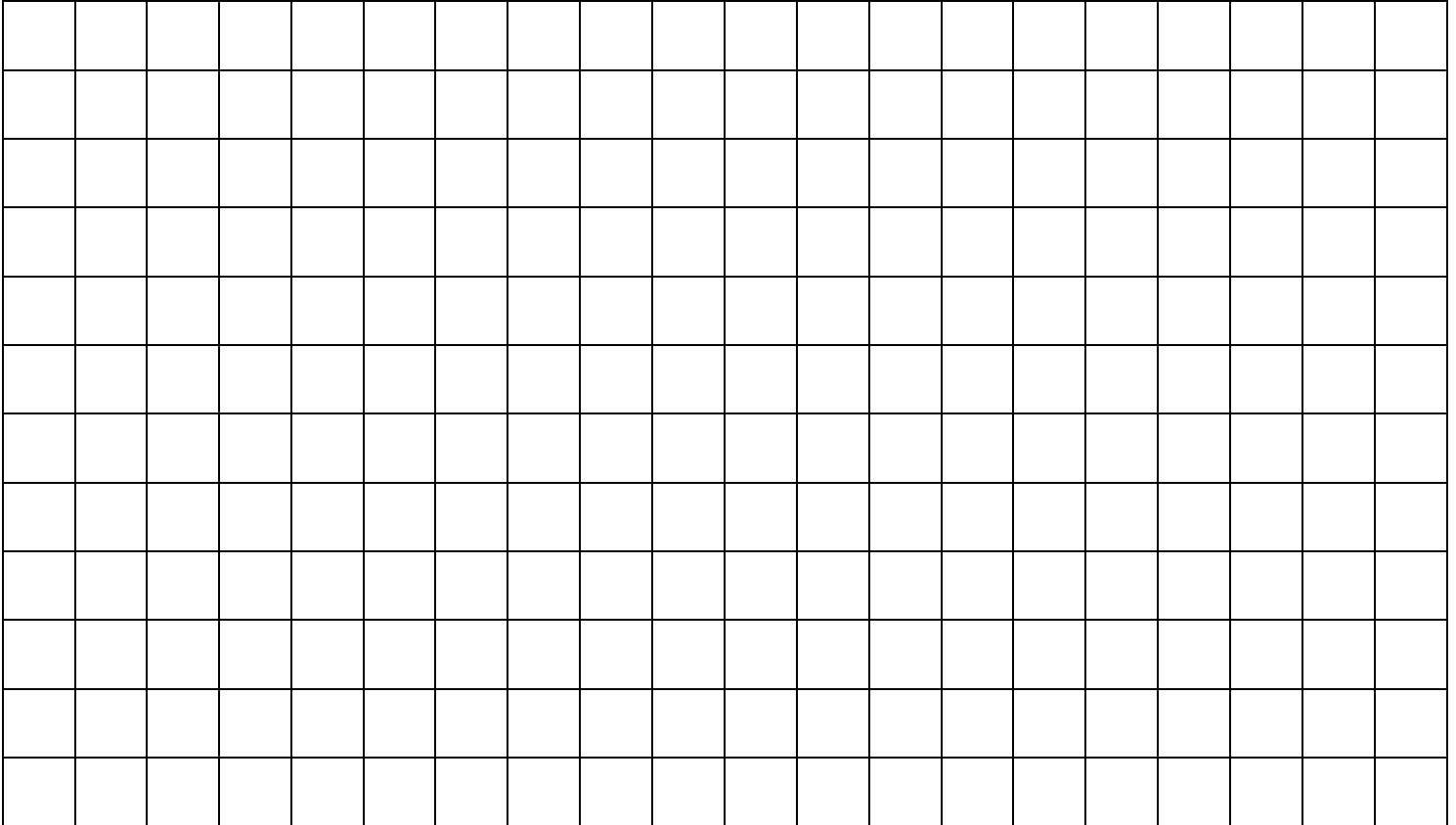


BIOME STATIONS!

Precipitation of Biomes 2 Homework

Directions: Create a Bar Graph that shows the mean (average) yearly precipitation (in cm) for these six (6) biomes: desert, tropical rain forest, temperate deciduous forest, grasslands, chaparral, and tundra. Label the axes of the graph. Then, analyze the data by answering the questions below using complete sentences.

Title: _____



Analysis: Answer using complete sentences below.

- 1) Which biome has the highest levels of rainfall per year? What is your evidence?

- 2) Knowing all that you know about the water cycle, hypothesize why this biome (mentioned in #1) receives more rain throughout the year.

- 3) Which biome has the lowest levels of rainfall per year? What is your evidence?

- 4) Knowing all that you know about the water cycle, hypothesize why this biome (mentioned in #3) receives less rain throughout the year.

Station 2: Mean Precipitation Levels

Tropical Rainforest Biome

Average temperature: 30 °C (80°F)
Annual Precipitation: 262 cm. (103 in.)
Latitude Range: 10° S to 25 ° N

Global Position: Amazon Basin; Congo Basin of equatorial Africa; East Indies, from Sumatra to New Guinea.

Wet-Dry Tropical Climates (Aw) Savanna

Average temperature: 16 °C
Annual Precipitation: 0.25 cm. (0.1 in.). All months less than 0.25 cm. (0.1 in.)
Latitude Range: 15 ° to 25 ° N and S

Global Range: India, Indochina, West Africa, southern Africa, South America and the north coast of Australia

Dry Desert Biome

Average Temperature: 22.5° C
Annual Precipitation: 0.25 cm (0.1 in). All months less than 0.25 cm (0.1 in).
Latitude Range: 15° - 25° N and S.

Global Range: southwestern United States and northern Mexico; Argentina; north Africa; south Africa; central part of Australia.

Mediterranean Climate (Cs) Chaparral biome

Average temperature: 7 °C (12 °F)
Annual Precipitation: 42 cm (17 in).
Latitude Range: 30° - 50° N and S

Global Position: central and southern California; coastal zones bordering the Mediterranean Sea; coastal Western Australia and South Australia; Chilean coast; Cape Town region of South Africa.

Dry Grasslands biome

Average temperature: 31 °C (56°F).
Annual Precipitation: 81 cm. (32 in.).
Latitude Range: 30° - 55° N and S

Global Position: western North America (Great Basin, Columbia Plateau, Great Plains); Eurasian interior.

Temperate Deciduous Forest biome

Average temperature: 24 °C (75 ° F)
Average Annual Precipitation: 81 cm (32 in).
Latitude Range: 30° - 55° N and S (Europe: 45° - 60° N).

Global Position: eastern parts of the United States and southern Canada; northern China; Korea; Japan; central and eastern Europe.

Boreal forest Climate (Dfc) Taiga biome

Temperature Range: 41 °C (74 °F), lows; -25 °C (-14 °F), highs; 16 °C (60 °F).
Average Annual Precipitation: 31 cm (12 in).
Latitude Range: 50° - 70° N and S.

Global Position: central and western Alaska; Canada, from the Yukon Territory to Labrador; Eurasia, from northern Europe across all of Siberia to the Pacific Ocean.

Tundra Biome

Average temperature: -22 °C to 6 °C (-10 °F to 41 °F).
Average Annual Precipitation: 20 cm (8 in).
Latitude Range: 60° - 75° N.

Global Position: arctic zone of North America; Hudson Bay region; Greenland coast; northern Siberia bordering the Arctic Ocean.