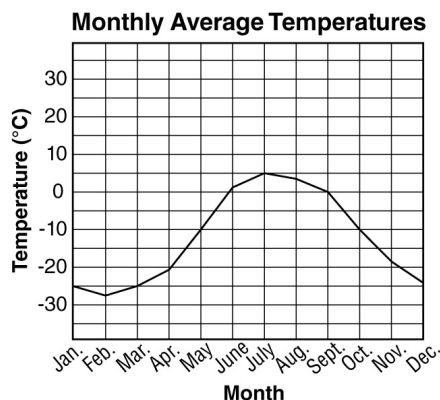


What Factors Affect Climate?

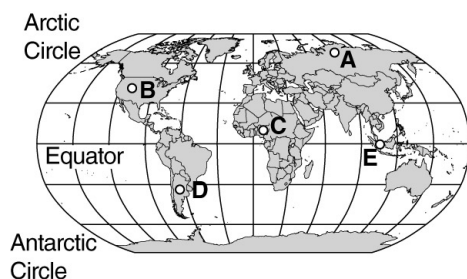
- 1 Temperature is one of the factors that scientists use to define climate. The graph below shows the average temperatures in a town.



In what climate zone is this town **most likely** located?

- (A) polar (C) temperate
(B) tropical (D) desert

- 2 One factor that affects climate is latitude. Look at the following map.



Based on their locations, which places shown on the map are **likely** to have a temperate climate?

- (F) points A and B
(G) points B and D
(H) points C and E
(I) points D and E

- 3 Johanna is explaining to her friend how to determine the climate of an area. Which instruction is she **most likely** to give her friend?

- (A) Measure the highest and lowest temperatures in a particular year.
(B) Find the average weather conditions over a period of many years.
(C) Measure the weather conditions one day and compare them to other days.
(D) Record the precipitation and the wind speed for several months.

- 4 How does the Gulf Stream affect the climate of northern Europe?

- (F) It makes the climate colder because it brings cold water.
(G) It makes the climate warmer because it brings warm water.
(H) It makes the climate more dry because it brings warm water.
(I) It makes the climate more humid because it brings cold water.

- 5 The following environments are all in a temperate zone. Which place would you expect to be the **most** hot and humid?

- (A) desert
(B) swamp
(C) wooded forest
(D) mountain range