1. Calculate the annual temperature range for each station.

**Definition:** Temperature range is the difference between January and July average temperatures.

Write your answers on the bottom lines of the table (two of them are done).

2. Finish this graph to illustrate the change in temperature range as you go across Eurasia.

3. These places are all at the same latitude. They get the same amount of energy from the sun. Dry land, however, heats and cools much faster than water. Write a paragraph to explain the pattern of temperature as you go west-to-east across Eurasia.
1. Calculate the annual **temperature range** for each station.

   **Definition:** **Temperature range** is the difference between January and July average temperatures.

   Write your answers on the bottom lines of the table (two of them are done)

2. All of these places are at about the same latitude (the same distance from the equator). Therefore, they all get roughly the same amount of incoming energy from the sun.
   Dry land, however, heats and cools much faster than water.
   (Your science teacher would say that water has a higher **specific heat** than land.)

   Circle the right word and then finish this sentence:

   As you go inland from a coast, temperature range tends to **increase / decrease**
   because ____________________________________________________________.

3. Fact 1: There is a **current** called the Gulf Stream in the Atlantic Ocean. This current brings warm water from Florida north and across the ocean toward northern Europe.
   Fact 2: The **prevailing wind** between latitude 40 and 60 blows from west to east.
   How can these two facts help us explain why Edinburgh and Ayan have about the same temperature in July, but Ayan is much colder in January?

4. T or F: The warming effect of the Gulf Stream seems to reach at least as far as Moscow.