- Water freezes at 0°C (Celsius).
- Water boils at 100°C.
- Our average body temperature is 37°C.
- Negative temperatures are below freezing (0°C). Positive temperatures are above freezing.

The following are the average temperatures in major cities one day in January (in °C).

Barcelona +15	Dublin +3	Kiev −5	Glasgow −1
Helsinki −6	Miami +26	Lisbon +10	Volgograd −9
Prague −3	Vilnius +1	Warsaw −4	Athens +22
Chicago −9	Minneapolis −11	Shanghai +15	Hong Kong +20

1. Which city has: (a) the highest temperature? (b) the lowest temperature?
2. Which two cities have the same positive temperature?
3. Which two cities have the same negative temperature?
4. What is the difference between the temperatures in Barcelona and Hong Kong?
5. By how many degrees is it hotter in Lisbon than in Dublin?
6. By how many degrees is it colder in Shanghai than in Miami?
7. What is the difference in temperature between: (a) Glasgow and Vilnius? (b) Prague and Dublin?
8. Which city is warmer: (a) Chicago or Minneapolis? and (b) by how many degrees?
9. Which city is colder: (a) Glasgow or Volgograd? and (b) by how many degrees?
10. By how many degrees is Shanghai warmer than Chicago?
11. By how many degrees is Prague colder than Athens?
12. What is the difference between the highest and lowest temperatures listed?
13. Complete the following table. Use the temperatures above as your starting point.

City	Barcelona	Helsinki	Vilnius	Prague	Minneapolis
Increase each temperature by 5°C					
Decrease each temperature by 3°C					
Increase each temperature by 9°C					
Decrease each temperature by 8°C					