

Question 1:

Average for lake: Superior is 6.722814  
Average for lake: Michigan is 10.258798  
Average for lake: Huron is 9.443989  
Average for lake: Erie is 12.097869  
Average for lake: Ontario is 11.291120  
Average for lake: St. Clair is 11.488689  
The total average for all lakes combined is 10.217213

Question 2:

Lake: Superior is below the combined average of all lakes.  
Lake: Michigan is above the combined average of all lakes.  
Lake: Huron is below the combined average of all lakes.  
Lake: Erie is above the combined average of all lakes.  
Lake: Ontario is above the combined average of all lakes.  
Lake: St. Clair is above the combined average of all lakes.

Coldest lake: Superior

Warmest lake: Erie

Question 3:

Lake Superior is the warmest during 24/8 at 18.290000  
Lake Michigan is the warmest during 8/7 at 23.870000  
Lake Huron is the warmest during 9/7 at 22.290000  
Lake Erie is the warmest during 10/7 at 26.280000  
Lake Ontario is the warmest during 10/7 at 24.920000  
Lake St.Clair is the warmest during 9/7 at 26.060000

Lake Superior is the coldest during 14/3 at 1.150000  
Lake Michigan is the coldest during 28/2 at 2.250000  
Lake Huron is the coldest during 1/3 at 1.110000  
Lake Erie is the coldest during 1/3 at 1.000000  
Lake Ontario is the coldest during 1/3 at 2.510000  
Lake St.Clair is the coldest during 22/1 at 0.200000

Question 4:

Lake Erie is the warmest during 10/7: 26.280000  
Lake Superior is the coldest during 22/1: 0.200000

Question 5:

For Lake Erie the average: 23.543011  
For Lake St. Clair the average: 23.285484  
For Lake Ontario the average: 22.267312  
For Lake Michigan the average: 20.845054  
For Lake Huron the average: 19.651613  
For Lake Superior the average: 13.868280