Time is measured by system time. The time taken increases as the number of processors increases, but when the data is larger, the time taken using more processors is shorter. Time increases drastically as more processors are used to execute the program.

The speedup decreases as the number of processes increase. This means that it is inefficient for this program to use more processes, and that the data must be not large enough to take advantage of the number of processes. The program can be completed in the shortest time when it is run sequentially or with one processor.