

Part A

| Number of threads | Time | Speedup |
|-------------------|-------------|-------------|
| 1 | 19.10602601 | 1 |
| 2 | 9.859272592 | 1.937873797 |
| 4 | 5.074900948 | 3.764807669 |
| 8 | 4.447535645 | 4.295867989 |

Part B

| Number of threads |
|-------------------|
| 1 |
| 2 |
| 4 |
| 8 |

Part C

| Number of processes | Time | Speedup |
|---------------------|-------------|-------------|
| 1 | 29.35209322 | 1 |
| 2 | 26.93727493 | 1.089645975 |
| 4 | 13.07808089 | 2.24437312 |
| 8 | 5.593218803 | 5.247799925 |
| 16 | 4.934925079 | 5.947829551 |

| Time | Speedup |
|----------------|-------------|
| 0.06974401325 | 1 |
| 0.042615704238 | 1.636580094 |
| 0.027723938227 | 2.51566039 |
| 0.02115117386 | 3.297406267 |

| | |
|------|---------|
| Ymax | 0.00097 |
| Ymin | 0.00028 |