

| p | $r\sqrt{p}$ | no. samples | average run time | success rate |
|------|-------------|-------------|------------------|--------------|
| 307 | 0.82 | 1535 | 0.048 second | 6 out of 10 |
| 507 | 0.83 | 2515 | 0.076 second | 8 out of 10 |
| 809 | 0.85 | 4045 | 0.134 second | 6 out of 10 |
| 997 | 0.86 | 4985 | 0.154 second | 5 out of 10 |
| 1103 | 0.87 | 5515 | 0.192 second | 5 out of 10 |
| 1201 | 0.88 | 6005 | 0.202 second | 2 out of 10 |