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| --- | --- | --- | --- |
| **Test case:** | Version 2a (nanoseconds) | Version 3d (nanoseconds) | Version 4c (nanoseconds) |
| 1+99= 100 | 0.546142357 | 0.551143333 | 0.483782826 |
| 771+993= 1764 | 0.779505773 | 0.496181758 | 0.489750006 |
| 541+243= 784 | 0.422823062 | 1.901972394 | 0.575348397 |
| 24+136= 160 | 0.769966743 | 1.71771103 | 0.57980629 |
| 32454543+846369999999999= 846370032454542 | 0.798440893 | 1.011833064 | 1.898670205 |
| 524+81636= 82160 | 0.586577716 | 0.613804204 | 0.615740153 |
| 592+399627= 400219 | 0.84334892 | 1.118162991 | 0.398124928 |
| 72+399947= 400019 | 0.58897678 | 2.190471946 | 1.169440241 |
| 992+3970= 4962 | 0.49566619 | 0.525486807 | 0.822915448 |
| 370+192= 562 | 0.483138318 | 0.502767644 | 0.801965105 |
| 1+999= 1000 | 2.001363844 | 0.960608437 | 1.672774483 |
| 999+999= 1998  | 0.626399097 | 0.39045723 | 0.527567176 |
| 999+99= 1098 | 0.505818858 | 0.597885334 | 0.710992405 |
| 99+ 9= 108 | 1.083987794 | 0.671105734 | 0.508480367 |
| 72+1399947= 1400019 | 2.092457442 | 0.768233878 | 0.490363252 |
| 544+4666= 5210 | 0.992832224 | 0.590496853 | 0.590496853 |
| 59+652= 711 | 0.526494762 | 0.578851699 | 0.600028396 |
| 592+1389627= 1390219 | 0.682376734 | 0.448134994 | 0.594922548 |
| 21999+24= 1023 | 0.799539688 | 0.592947953 | 0.498749668 |
| 1+1= 2 | 0.471450172 | 2.65783746 | 1.299452766 |
| 1+9= 10 | 0.563006665 | 0.552368197 | 0.562583781 |
| 95427+332= 95759 | 0.466547629 | 0.797054983 | 0.639968197 |
| 9647+72= 1019 | 0.504128684 | 0.609620818 | 1.233755469 |
| 99647+472= 10119 | 2.440270859 | 0.485107529 | 0.681706088 |
| 9947+ 62= 1009 | 0.652362118 | 0.694999404 | 0.562211097 |
| 21999+24= 22023  | 0.549838034 | 0.813868606 | 0.578970451 |
| 1+1= 2 | 0.508319215 | 0.512244903 | 1.110098541 |
| 1+9= 10 | 0.483875537 | 0.598716968 | 0.519337443 |
| 95427+332= 95759 | 0.687072769 | 0.676606621 | 0.63677919 |
| 9647+72= 9719 | 0.448148769 | 0.494913991 | 0.573758729 |
| 99647+472= 100119 | 0.600591274 | 0.684805578 | 0.608876421 |
| 9947+ 62= 10009 | 0.525562437 | 0.556960529 | 0.502607222 |
| 21999+24= 22023 | 0.491529454 | 0.450624263 | 0.711593148 |
| 99+9= 108 | 0.556759775 | 0.809753255 | 1.020378926 |
| 999+1= 1000 | 0.50330456 | 0.582595764 | 0.49392882 |
| 888+1= 889 | 0.583479617 | 0.969088656 | 0.746069251 |
| 99999999999999999999999999999999999999999999999999999999+32423543534543532423432423432494355443534532235324324333= 132423543534543532423432423432494355443534532235324324332 | 1.671861273 | 0.580988689 | StackOverflowError |
| 321326263232722172323121232212212212+32423543534543531= 321326263232722172355544775746755743 | 0.597295968 | 0.572481541 | StackOverflowError |
| 921326263239897898+924235435344647768= 1845561698584545666 | 0.496368432 | 0.554980541 | 0.785228998 |
| 999999+1= 1000000 | 0.899933727 | 0.488726981 | 0.463426641 |
| 9999990767676+1433434322= 10001424201998 | 0.56000183 | 0.403833173 | 0.49301495 |
| 9999990767676+1= 9999990767677 | 0.498432918 | 1.002574551 | 0.663512505 |
| 7899990767676+1= 7899990767677 | 0.585317292 | 0.623296253 | 0.605268023 |
| 78990767676+1= 78990767677 | 0.590561617 | 0.61446637 | 0.61446637 |
| 97652+1= 97653 | 0.494157107 | 0.505852243 | 0.588111157 |
| 4607 digits wide | This passed on one occasion. But never since | Not tested | Not tested – but expected StackOverflowError |
| 5,000 digits wide | StackOverflowError | StackOverflowError | Not tested – but expected StackOverflowError |
| 4,000 digits wide | StackOverflowError | StackOverflowError | Not tested – but expected StackOverflowError |
| 3,500 digits wide | StackOverflowError | StackOverflowError | Not tested – but expected StackOverflowError |
| 3467 digits wide | 1.407721413 | StackOverflowError | Not tested – but expected StackOverflowError |
| 3000 digits wide | 1.423825889 | 0.685744126 | Not tested – but expected StackOverflowError |
| 2500 digits wide | 1.085814173 | 1.964465452 | Not tested – but expected StackOverflowError |
| 2000 digits wide | 0.694924244 | 0.709423274 | Not tested – but expected StackOverflowError |
| 1000 digits wide | 0.603975126 | 0.807546509 | Not tested – but expected StackOverflowError |
| 500 digits wide | 0.562025488 | 1.212704553 | Not tested – but expected StackOverflowError |
| 999999999999999912+324235435345435312= 1324235435345435224 (shortened version of the first StackOverflowError for version 4c, highlighted in blue above). Appears to be 18 digit limit | 0.887190201 | 0.68348971 | 0.414354097 |

THESE ARE THE AVERAGES TAKEN (seconds) FROM ALL THE TEST CASES IN WHICH TEST IS APPLICABLE TO ALL ABOVE VERSIONS

 0.719865 0.773924 0.707713

THESE ARE THE AVERAGES TAKEN (seconds) FROM ALL THE TEST CASES IN WHICH TEST IS APPLICABLE TO VERSIONS 2A and 3D
 0.751250785 0.795803898