

1049866.0 425957 425633  
1049866.0 425957 425634  
1049866.0 425957 425635  
1049866.0 425957 425636  
1049866.0 425957 425637  
1049866.0 425957 425638  
1049866.0 425957 425639  
1049866.0 425957 425640  
1049866.0 425957 425641  
1049866.0 425957 425642  
1049866.0 425957 425643  
1049866.0 425957 425644  
1049866.0 425957 425645  
1049866.0 425957 425646  
1049866.0 425957 425647  
1049866.0 425957 425648  
1049866.0 425957 425649  
1049866.0 425957 425650  
1049866.0 425957 425651  
1049866.0 425957 425652  
1049866.0 425957 425653  
1049866.0 425957 425654  
1049866.0 425957 425655  
1049866.0 425957 425656  
1049866.0 425957 425657  
1049866.0 425957 425658  
1049866.0 425957 425659  
1049866.0 425957 425660  
1049866.0 425957 425661  
1049866.0 425957 425662  
1049866.0 425957 425663  
1049866.0 425957 425664  
1049866.0 425957 425665  
1049866.0 425957 425666  
1049866.0 425957 425667  
1049866.0 425957 425668  
1049866.0 425957 425669  
1049866.0 425957 425670  
1049866.0 425957 425671  
1049866.0 425957 425672  
1049866.0 425957 425673  
1049866.0 425957 425674  
1049866.0 425957 425675  
1049866.0 425957 425676  
1049866.0 425957 425677  
1049866.0 425957 425678  
1049866.0 425957 425679  
1049866.0 425957 425680  
1049866.0 425957 425681  
1049866.0 425957 425682  
1049866.0 425957 425683  
1049866.0 425957 425684

1049866.0 425957 425685  
1049866.0 425957 425686  
1049866.0 425957 425687  
1049866.0 425957 425688  
1049866.0 425957 425689  
1049866.0 425957 425690  
1049866.0 425957 425691  
1049866.0 425957 425692  
1049866.0 425957 425693  
1049866.0 425957 425694  
1049866.0 425957 425695  
1049866.0 425957 425696  
1049866.0 425957 425697  
1049866.0 425957 425698  
1049866.0 425957 425699  
1049866.0 425957 425700  
1049866.0 425957 425701  
1049866.0 425957 425702  
1049866.0 425957 425703  
1049866.0 425957 425704  
1049866.0 425957 425705  
1049866.0 425957 425706  
1049866.0 425957 425707  
1049866.0 425957 425708  
1049866.0 425957 425709  
1049866.0 425957 425710  
1049866.0 425957 425711  
1049866.0 425957 425712  
1049866.0 425957 425713  
1049866.0 425957 425714  
1049866.0 425957 425715  
1049866.0 425957 425716  
1049866.0 425957 425717  
1049866.0 425957 425718  
1049866.0 425957 425719  
1049866.0 425957 425720  
1049866.0 425957 425721  
1049866.0 425957 425722  
1049866.0 425957 425723  
1049866.0 425957 425724  
1049866.0 425957 425725  
1049866.0 425957 425726  
1049866.0 425957 425727  
1049866.0 425957 425728  
1049866.0 425957 425729  
1049866.0 425957 425730  
1049866.0 425957 425731  
1049866.0 425957 425732  
1049866.0 425957 425733  
1049866.0 425957 425734  
1049866.0 425957 425735  
1049866.0 425957 425736

1049866.0 425957 425737  
1049866.0 425957 425738  
1049866.0 425957 425739  
1049866.0 425957 425740  
1049866.0 425957 425741  
1049866.0 425957 425742  
1049866.0 425957 425743  
1049866.0 425957 425744  
1049866.0 425957 425745  
1049866.0 425957 425746  
1049866.0 425957 425747  
1049866.0 425957 425748  
1049866.0 425957 425749  
1049866.0 425957 425750  
1049866.0 425957 425751  
1049866.0 425957 425752  
1049866.0 425957 425753  
1049866.0 425957 425754  
1049866.0 425957 425755  
1049866.0 425957 425756  
1049866.0 425957 425757  
1049866.0 425957 425758  
1049866.0 425957 425759  
1049866.0 425957 425760  
1049866.0 425957 425761  
1049866.0 425957 425762  
1049866.0 425957 425763  
1049866.0 425957 425764  
1049866.0 425957 425765  
1049866.0 425957 425766  
1049866.0 425957 425767  
1049866.0 425957 425768  
1049866.0 425957 425769  
1049866.0 425957 425770  
1049866.0 425957 425771  
1049866.0 425957 425772  
1049866.0 425957 425773  
1049866.0 425957 425774  
1049866.0 425957 425775  
1049866.0 425957 425776  
1049866.0 425957 425777  
1049866.0 425957 425778  
1049866.0 425957 425779  
1049866.0 425957 425780  
1049866.0 425957 425781  
1049866.0 425957 425782  
1049866.0 425957 425783  
1049866.0 425957 425784  
1049866.0 425957 425785  
1049866.0 425957 425786  
1049866.0 425957 425787  
1049866.0 425957 425788

1049866.0 425957 425789  
1049866.0 425957 425790  
1049866.0 425957 425791  
1049866.0 425957 425792  
1049866.0 425957 425793  
1049866.0 425957 425794  
1049866.0 425957 425795  
1049866.0 425957 425796  
1049866.0 425957 425797  
1049866.0 425957 425798  
1049866.0 425957 425799  
1049866.0 425957 425800  
1049866.0 425957 425801  
1049866.0 425957 425802  
1049866.0 425957 425803  
1049866.0 425957 425804  
1049866.0 425957 425805  
1049866.0 425957 425806  
1049866.0 425957 425807  
1049866.0 425957 425808  
1049866.0 425957 425809  
1049866.0 425957 425810  
1049866.0 425957 425811  
1049866.0 425957 425812  
1049866.0 425957 425813  
1049866.0 425957 425814  
1049866.0 425957 425815  
1049866.0 425957 425816  
1049866.0 425957 425817  
1049866.0 425957 425818  
1049866.0 425957 425819  
1049866.0 425957 425820  
1049866.0 425957 425821  
1049866.0 425957 425822  
1049866.0 425957 425823  
1049866.0 425957 425824  
1049866.0 425957 425825  
1049866.0 425957 425826  
1049866.0 425957 425827  
1049866.0 425957 425828  
1049866.0 425957 425829  
1049866.0 425957 425830  
1049866.0 425957 425831  
1049866.0 425957 425832  
1049866.0 425957 425833  
1049866.0 425957 425834  
1049866.0 425957 425835  
1049866.0 425957 425836  
1049866.0 425957 425837  
1049866.0 425957 425838  
1049866.0 425957 425839  
1049866.0 425957 425840

1049866.0 425957 425841  
1049866.0 425957 425842  
1049866.0 425957 425843  
1049866.0 425957 425844  
1049866.0 425957 425845  
1049866.0 425957 425846  
1049866.0 425957 425847  
1049866.0 425957 425848  
1049866.0 425957 425849  
1049866.0 425957 425850  
1049866.0 425957 425851  
1049866.0 425957 425852  
1049866.0 425957 425853  
1049866.0 425957 425854  
1049866.0 425957 425855  
1049866.0 425957 425856  
1049866.0 425957 425857  
1049866.0 425957 425858  
1049866.0 425957 425859  
1049866.0 425957 425860  
1049866.0 425957 425861  
1049866.0 425957 425862  
1049866.0 425957 425863  
1049866.0 425957 425864  
1049866.0 425957 425865  
1049866.0 425957 425866  
1049866.0 425957 425867  
1049866.0 425957 425868  
1049866.0 425957 425869  
1049866.0 425957 425870  
1049866.0 425957 425871  
1049866.0 425957 425872  
1049866.0 425957 425873  
1049866.0 425957 425874  
1049866.0 425957 425875  
1049866.0 425957 425876  
1049866.0 425957 425877  
1049866.0 425957 425878  
1049866.0 425957 425879  
1049866.0 425957 425880  
1049866.0 425957 425881  
1049866.0 425957 425882  
1049866.0 425957 425883  
1049866.0 425957 425884  
1049866.0 425957 425885  
1049866.0 425957 425886  
1049866.0 425957 425887  
1049866.0 425957 425888  
1049866.0 425957 425889  
1049866.0 425957 425890  
1049866.0 425957 425891  
1049866.0 425957 425892

1049866.0 425957 425893  
1049866.0 425957 425894  
1049866.0 425957 425895  
1049866.0 425957 425896  
1049866.0 425957 425897  
1049866.0 425957 425898  
1049866.0 425957 425899  
1049866.0 425957 425900  
1049866.0 425957 425901  
1049866.0 425957 425902  
1049866.0 425957 425903  
1049866.0 425957 425904  
1049866.0 425957 425905  
1049866.0 425957 425906  
1049866.0 425957 425907  
1049866.0 425957 425908  
1049866.0 425957 425909  
1049866.0 425957 425910  
1049866.0 425957 425911  
1049866.0 425957 425912  
1049866.0 425957 425913  
1049866.0 425957 425914  
1049866.0 425957 425915  
1049866.0 425957 425916  
1049866.0 425957 425917  
1049866.0 425957 425918  
1049866.0 425957 425919  
1049866.0 425957 425920  
1049866.0 425957 425921  
1049866.0 425957 425922  
1049866.0 425957 425923  
1049866.0 425957 425924  
1049866.0 425957 425925  
1049866.0 425957 425926  
1049866.0 425957 425927  
1049866.0 425957 425928  
1049866.0 425957 425929  
1049866.0 425957 425930  
1049866.0 425957 425931  
1049866.0 425957 425932  
1049866.0 425957 425933  
1049866.0 425957 425934  
1049866.0 425957 425935  
1049866.0 425957 425936  
1049866.0 425957 425937  
1049866.0 425957 425938  
1049866.0 425957 425939  
1049866.0 425957 425940  
1049866.0 425957 425941  
1049866.0 425957 425942  
1049866.0 425957 425943  
1049866.0 425957 425944

1049866.0 425957 425945  
1049866.0 425957 425946  
1049866.0 425957 425947  
1049866.0 425957 425948  
1049866.0 425957 425949  
1049866.0 425957 425950  
1049866.0 425957 425951  
1049866.0 425957 425952  
1049866.0 425957 425953  
1049866.0 425957 425954  
1049866.0 425957 425955  
1049866.0 425957 425956  
value of l 0.0 value of u 1049866 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 524933.0 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 262466.5 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 131233.25 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 65616.625 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 32808.3125 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 16404.15625 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 8202.078125 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 4101.0390625 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 2050.51953125 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 1025.25976562 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 512.629882812 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 256.314941406 value of b 5.51149604707e-12  
yeah done with while  
u reduced  
value of l 0.0 value of u 128.157470703 value of b 5.51149604707e-12

yeah done with while  
u reduced  
value of l 0.0 value of u 64.0787353516 value of b 5.51149604707e-12  
yeah done with while  
l increased  
value of l 32.0393676758 value of u 64.0787353516 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 48.0590515137 value of u 64.0787353516 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.0688934326 value of u 64.0787353516 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.0688934326 value of u 60.0738143921 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.0688934326 value of u 58.0713539124 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.0688934326 value of u 57.0701236725 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.0688934326 value of u 56.5695085526 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.3192009926 value of u 56.5695085526 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.4443547726 value of u 56.5695085526 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5069316626 value of u 56.5695085526 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5382201076 value of u 56.5695085526 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5538643301 value of u 56.5695085526 value of b  
5.51149604707e-12  
yeah done with while



l increased  
value of l 56.5616864413 value of u 56.5695085526 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.5616864413 value of u 56.5655974969 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5636419691 value of u 56.5655974969 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.564619733 value of u 56.5655974969 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.565108615 value of u 56.5655974969 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.565108615 value of u 56.565353056 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.565108615 value of u 56.5652308355 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5651697252 value of u 56.5652308355 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5652002803 value of u 56.5652308355 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5652155579 value of u 56.5652308355 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.5652155579 value of u 56.5652231967 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.5652155579 value of u 56.5652193773 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.5652155579 value of u 56.5652174676 value of b  
5.51149604707e-12  
yeah done with while

l increased  
value of l 56.5652165127 value of u 56.5652174676 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5652169902 value of u 56.5652174676 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5652172289 value of u 56.5652174676 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5652173482 value of u 56.5652174676 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.5652173482 value of u 56.5652174079 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5652173781 value of u 56.5652174079 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.5652173781 value of u 56.565217393 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5652173855 value of u 56.565217393 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5652173893 value of u 56.565217393 value of b  
5.51149604707e-12  
yeah done with while  
l increased  
value of l 56.5652173911 value of u 56.565217393 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.5652173911 value of u 56.5652173921 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.5652173911 value of u 56.5652173916 value of b  
5.51149604707e-12  
yeah done with while  
u reduced  
value of l 56.5652173911 value of u 56.5652173914 value of b  
5.51149604707e-12  
yeah done with while

```
l increased
value of l 56.5652173913 value of u 56.5652173914 value of b
5.51149604707e-12
yeah done with while
u reduced
value of l 56.5652173913 value of u 56.5652173913 value of b
5.51149604707e-12
yeah done with while
l increased
value of l 56.5652173913 value of u 56.5652173913 value of b
5.51149604707e-12
yeah done with while
l increased
value of l 56.5652173913 value of u 56.5652173913 value of b
5.51149604707e-12
yeah done with while
u reduced
value of l 56.5652173913 value of u 56.5652173913 value of b
5.51149604707e-12
yeah done with while
u reduced
```

In [20]: