C:\Anaconda\envs\tensorflow\python.exe "C:/Users/yongping/python work/20022123.py"

j3010\_1.sm 42

8 -0.23137831687927246 42 0.0 0

final date： [0, 3, 2, 0, 7, 13, 6, 11, 16, 21, 5, 22, 20, 38, 12, 8, 13, 15, 35, 21, 20, 29, 30, 15, 19, 35, 30, 29, 40, 32, 39, 42]

finalduration： 42 opm 42 deviation 0.0 % time 0.25 s

j3010\_10.sm 41

8 -0.17553329467773438 42 2.4390243902439024 0

16 -0.3661811351776123 42 2.4390243902439024 0

24 -0.5845603942871094 41 0.0 0

final date： [0, 1, 0, 1, 12, 2, 20, 8, 11, 25, 11, 13, 13, 12, 23, 25, 15, 20, 9, 13, 28, 25, 24, 23, 28, 28, 33, 33, 39, 35, 35, 41]

finalduration： 41 opm 41 deviation 0.0 % time 0.61 s

j3010\_2.sm 56

8 -0.2423536777496338 57 1.7857142857142856 0

16 -0.4687466621398926 57 1.7857142857142856 0

24 -0.6941766738891602 57 1.7857142857142856 0

32 -0.9041645526885986 57 1.7857142857142856 0

40 -1.088637113571167 57 1.7857142857142856 0

48 -1.266162633895874 57 1.7857142857142856 0

56 -1.4437217712402344 57 1.7857142857142856 0

64 -1.6160714626312256 57 1.7857142857142856 0

72 -1.7912564277648926 57 1.7857142857142856 0

80 -1.9767603874206543 57 1.7857142857142856 0

88 -2.195176839828491 57 1.7857142857142856 0

96 -2.429551601409912 57 1.7857142857142856 0

104 -2.6140565872192383 57 1.7857142857142856 0

112 -2.825603485107422 57 1.7857142857142856 0

120 -3.0323257446289062 57 1.7857142857142856 0

128 -3.245755434036255 57 1.7857142857142856 0

136 -3.414304733276367 57 1.7857142857142856 0

144 -3.599808692932129 57 1.7857142857142856 0

152 -3.7853457927703857 57 1.7857142857142856 0

160 -3.9588491916656494 57 1.7857142857142856 0

168 -4.129427194595337 57 1.7857142857142856 0

176 -4.301931381225586 57 1.7857142857142856 0

184 -4.49840784072876 57 1.7857142857142856 0

192 -4.690891742706299 57 1.7857142857142856 0

200 -4.869414329528809 57 1.7857142857142856 0

208 -5.093814373016357 57 1.7857142857142856 0

216 -5.266353130340576 57 1.7857142857142856 0

224 -5.450860023498535 57 1.7857142857142856 0

232 -5.644342422485352 57 1.7857142857142856 0

240 -5.83032751083374 57 1.7857142857142856 0

248 -6.015547752380371 57 1.7857142857142856 0

1 27 57

256 -7.760884523391724 57 1.7857142857142856 0

6 27 57

264 -9.3268461227417 57 1.7857142857142856 0

17 24 57

272 -10.952955722808838 57 1.7857142857142856 0

21 27 57

280 -12.518081188201904 57 1.7857142857142856 0

1 28 57

288 -14.032231092453003 57 1.7857142857142856 0

4 6 57

296 -15.570839166641235 57 1.7857142857142856 0

23 29 57

304 -17.16527509689331 57 1.7857142857142856 0

13 24 57

312 -18.766905307769775 57 1.7857142857142856 0

1 11 57

320 -20.259913682937622 57 1.7857142857142856 0

19 24 57

328 -21.938350200653076 57 1.7857142857142856 0

3 9 57

336 -23.753177165985107 57 1.7857142857142856 0

8 27 57

344 -25.675843954086304 57 1.7857142857142856 0

21 25 57

352 -27.23424768447876 57 1.7857142857142856 0

12 17 57

360 -28.888078451156616 57 1.7857142857142856 0

17 19 57

368 -30.665828943252563 57 1.7857142857142856 0

5 27 57

376 -32.51091527938843 57 1.7857142857142856 0

10 26 57

384 -34.20913052558899 57 1.7857142857142856 0

8 10 57

392 -35.87359690666199 57 1.7857142857142856 0

1 16 57

400 -37.559919357299805 57 1.7857142857142856 0

27 30 57

408 -39.19861197471619 57 1.7857142857142856 0

14 17 57

416 -40.87527537345886 57 1.7857142857142856 0

1 15 57

424 -42.569079637527466 57 1.7857142857142856 0

16 29 57

432 -44.37936806678772 57 1.7857142857142856 0

19 27 57

440 -46.12878942489624 57 1.7857142857142856 0

26 28 57

448 -47.968451738357544 57 1.7857142857142856 0

18 22 57

456 -49.61980056762695 57 1.7857142857142856 0

2 25 57

464 -51.43492937088013 57 1.7857142857142856 0

17 20 57

472 -52.948880195617676 57 1.7857142857142856 0

23 26 57

480 -54.51937007904053 57 1.7857142857142856 0

14 21 57

488 -56.036027908325195 57 1.7857142857142856 0

8 21 57

496 -57.547454833984375 57 1.7857142857142856 0

21 23 57

504 -59.08794355392456 57 1.7857142857142856 0

13 30 57

512 -60.77312970161438 57 1.7857142857142856 0

20 25 57

520 -62.42651605606079 57 1.7857142857142856 0

11 13 57

528 -63.971158027648926 57 1.7857142857142856 0

21 23 57

536 -65.62576103210449 57 1.7857142857142856 0

8 11 57

544 -67.31287598609924 57 1.7857142857142856 0

15 19 57

552 -68.95182585716248 57 1.7857142857142856 0

4 15 57

560 -70.67169499397278 57 1.7857142857142856 0

7 16 57

568 -72.32733488082886 57 1.7857142857142856 0

26 28 57

576 -73.91438293457031 57 1.7857142857142856 0

21 26 57

584 -75.55942344665527 57 1.7857142857142856 0

11 25 57

592 -77.37671518325806 57 1.7857142857142856 0

10 30 57

600 -79.2681839466095 57 1.7857142857142856 0

15 18 57

608 -80.85904288291931 57 1.7857142857142856 0

9 15 57

616 -82.30110883712769 57 1.7857142857142856 0

2 18 57

624 -83.85470128059387 57 1.7857142857142856 0

21 30 57

632 -85.37761378288269 57 1.7857142857142856 0

12 25 57

640 -86.97091388702393 57 1.7857142857142856 0

2 30 57

648 -88.53736233711243 57 1.7857142857142856 0

5 11 57

656 -89.98500514030457 57 1.7857142857142856 0

14 21 57

664 -91.51962900161743 57 1.7857142857142856 0

4 27 57

672 -93.18292355537415 57 1.7857142857142856 0

2 22 57

680 -94.70781135559082 57 1.7857142857142856 0

9 22 57

688 -96.29227566719055 57 1.7857142857142856 0

21 30 57

696 -97.8815369606018 57 1.7857142857142856 0

16 22 57

704 -99.41789770126343 57 1.7857142857142856 0

6 21 57

712 -101.04041767120361 57 1.7857142857142856 0

13 25 57

720 -102.49534153938293 57 1.7857142857142856 0

12 17 57

728 -103.87806534767151 57 1.7857142857142856 0

20 23 57

736 -105.35247802734375 57 1.7857142857142856 0

13 27 57

744 -106.88893127441406 57 1.7857142857142856 0

19 24 57

752 -108.43714237213135 57 1.7857142857142856 0

18 21 57

760 -109.86695051193237 57 1.7857142857142856 0

23 26 57

768 -111.37255954742432 57 1.7857142857142856 0

28 30 57

776 -112.83294558525085 57 1.7857142857142856 0

12 17 57

784 -114.33421802520752 57 1.7857142857142856 0

2 12 57

792 -115.85442352294922 57 1.7857142857142856 0

7 17 57

800 -117.42323780059814 57 1.7857142857142856 0

10 26 57

808 -118.97560000419617 57 1.7857142857142856 0

25 29 57

816 -120.44910001754761 57 1.7857142857142856 0

4 17 57

824 -121.8600766658783 57 1.7857142857142856 0

20 25 57

832 -123.72802829742432 57 1.7857142857142856 0

9 19 57

840 -126.11768627166748 57 1.7857142857142856 0

11 26 57

848 -128.32161688804626 57 1.7857142857142856 0

2 18 57

856 -130.27721667289734 57 1.7857142857142856 0

25 30 57

864 -131.93589878082275 57 1.7857142857142856 0

14 22 57

872 -133.71278429031372 57 1.7857142857142856 0

7 28 57

880 -135.56349897384644 57 1.7857142857142856 0

22 28 57

888 -137.31923747062683 57 1.7857142857142856 0

9 19 57

896 -139.0024425983429 57 1.7857142857142856 0

26 30 57

904 -140.38299465179443 57 1.7857142857142856 0

16 24 57

912 -141.9090542793274 57 1.7857142857142856 0

28 30 57

920 -143.30611038208008 57 1.7857142857142856 0

8 12 57

928 -144.8474588394165 57 1.7857142857142856 0

21 25 57

936 -146.3007173538208 57 1.7857142857142856 0

6 8 57

944 -147.93293523788452 57 1.7857142857142856 0

3 8 57

952 -149.3807065486908 57 1.7857142857142856 0

11 26 57

960 -151.07271361351013 57 1.7857142857142856 0

8 13 57

968 -152.5868537425995 57 1.7857142857142856 0

5 10 57

976 -154.00853610038757 57 1.7857142857142856 0

2 20 57

984 -155.65824365615845 57 1.7857142857142856 0

10 30 57

992 -157.23408770561218 57 1.7857142857142856 0

6 12 57

1000 -158.74191427230835 57 1.7857142857142856 0

10 16 57

1008 -160.28528451919556 57 1.7857142857142856 0

18 27 56

yes 56

1018 -161.77756333351135 56 0.0 0

final date： [0, 12, 1, 0, 17, 7, 11, 6, 20, 24, 18, 15, 20, 31, 28, 25, 29, 36, 39, 28, 27, 38, 35, 38, 44, 46, 39, 42, 47, 53, 51, 56]

finalduration： 56 opm 56 deviation 0.0 % time 161.8 s

j3010\_3.sm 62

8 -0.2044515609741211 68 9.67741935483871 0

16 -0.4251542091369629 66 6.451612903225806 0

24 -0.640251874923706 66 6.451612903225806 0

32 -0.8652193546295166 66 6.451612903225806 0

40 -1.106539011001587 66 6.451612903225806 0

48 -1.3176002502441406 66 6.451612903225806 0

56 -1.5150730609893799 63 1.6129032258064515 0

64 -1.7509894371032715 63 1.6129032258064515 0

72 -1.9534835815429688 63 1.6129032258064515 0

80 -2.15693736076355 63 1.6129032258064515 0

88 -2.3645544052124023 63 1.6129032258064515 0

96 -2.569000005722046 63 1.6129032258064515 0

104 -2.7833995819091797 63 1.6129032258064515 0

112 -3.0018515586853027 63 1.6129032258064515 0

120 -3.2212634086608887 63 1.6129032258064515 0

128 -3.4381814002990723 63 1.6129032258064515 0

136 -3.6536037921905518 63 1.6129032258064515 0

144 -3.8809618949890137 63 1.6129032258064515 0

152 -4.1113808155059814 63 1.6129032258064515 0

160 -4.332380056381226 63 1.6129032258064515 0

168 -4.538710355758667 62 0.0 0

final date： [0, 0, 0, 0, 9, 8, 10, 18, 13, 21, 16, 27, 22, 32, 22, 27, 12, 1, 31, 36, 45, 30, 36, 53, 30, 46, 36, 38, 12, 55, 53, 62]

finalduration： 62 opm 62 deviation 0.0 % time 4.56 s

j3010\_4.sm 58

8 -0.19448018074035645 59 1.7241379310344827 0

16 -0.44405508041381836 59 1.7241379310344827 0

24 -0.6515002250671387 59 1.7241379310344827 0

32 -0.9068589210510254 59 1.7241379310344827 0

40 -1.1063199043273926 59 1.7241379310344827 0

48 -1.3406596183776855 59 1.7241379310344827 0

56 -1.6109659671783447 59 1.7241379310344827 0

64 -1.8207364082336426 59 1.7241379310344827 0

72 -2.0551085472106934 59 1.7241379310344827 0

80 -2.262589693069458 59 1.7241379310344827 0

88 -2.4630179405212402 59 1.7241379310344827 0

96 -2.6565372943878174 59 1.7241379310344827 0

104 -2.8526761531829834 59 1.7241379310344827 0

112 -3.046159267425537 58 0.0 0

final date： [0, 0, 0, 0, 9, 9, 18, 19, 17, 19, 23, 19, 5, 32, 19, 17, 37, 9, 27, 27, 37, 23, 46, 28, 34, 37, 45, 49, 49, 51, 49, 58]

finalduration： 58 opm 58 deviation 0.0 % time 3.07 s

j3010\_5.sm 41

8 -0.17250347137451172 42 2.4390243902439024 0

16 -0.315155029296875 41 0.0 0

final date： [0, 0, 0, 0, 9, 15, 15, 10, 1, 1, 21, 8, 25, 8, 13, 10, 20, 16, 29, 2, 24, 27, 27, 18, 1, 25, 29, 31, 35, 35, 35, 41]

finalduration： 41 opm 41 deviation 0.0 % time 0.33 s

j3010\_6.sm 44

8 -0.14066100120544434 46 4.545454545454546 0

16 -0.2862701416015625 46 4.545454545454546 0

24 -0.4388594627380371 46 4.545454545454546 0

32 -0.5904228687286377 45 2.272727272727273 0

40 -0.810868501663208 45 2.272727272727273 0

48 -0.9594700336456299 45 2.272727272727273 0

56 -1.1220722198486328 45 2.272727272727273 0

64 -1.328765869140625 45 2.272727272727273 0

72 -1.5128860473632812 45 2.272727272727273 0

80 -1.6873853206634521 45 2.272727272727273 0

88 -1.892836332321167 45 2.272727272727273 0

96 -2.081916570663452 45 2.272727272727273 0

104 -2.251497745513916 45 2.272727272727273 0

112 -2.430574655532837 45 2.272727272727273 0

120 -2.6041460037231445 45 2.272727272727273 0

128 -2.836488962173462 45 2.272727272727273 0

136 -3.0200343132019043 45 2.272727272727273 0

144 -3.1944854259490967 45 2.272727272727273 0

152 -3.3560166358947754 45 2.272727272727273 0

160 -3.552525281906128 44 0.0 0

final date： [0, 0, 0, 0, 6, 6, 20, 7, 27, 4, 16, 7, 7, 16, 20, 31, 24, 4, 16, 26, 25, 25, 12, 30, 37, 27, 29, 32, 41, 37, 40, 44]

finalduration： 44 opm 44 deviation 0.0 % time 3.57 s

j3010\_7.sm 49

8 -0.21941328048706055 49 0.0 0

final date： [0, 0, 0, 0, 14, 7, 7, 7, 10, 10, 20, 14, 11, 34, 14, 29, 33, 23, 23, 14, 36, 20, 26, 29, 34, 26, 38, 36, 43, 39, 41, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.24 s

j3010\_8.sm 54

8 -0.19613862037658691 57 5.555555555555555 0

16 -0.45740675926208496 57 5.555555555555555 0

24 -0.7243068218231201 57 5.555555555555555 0

32 -0.9008691310882568 55 1.8518518518518516 0

40 -1.119288682937622 54 0.0 0

final date： [0, 0, 2, 0, 2, 10, 7, 8, 5, 19, 7, 10, 15, 8, 22, 8, 10, 22, 43, 30, 30, 22, 20, 33, 30, 32, 27, 41, 49, 43, 49, 54]

finalduration： 54 opm 54 deviation 0.0 % time 1.14 s

j3010\_9.sm 49

final date： [0, 0, 0, 0, 2, 2, 2, 21, 2, 10, 7, 7, 7, 8, 11, 20, 10, 22, 21, 17, 21, 12, 10, 22, 25, 31, 40, 25, 29, 29, 43, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.01 s

j3011\_1.sm 54

8 -0.24630999565124512 56 3.7037037037037033 0

16 -0.5132002830505371 56 3.7037037037037033 0

24 -0.7605395317077637 55 1.8518518518518516 0

32 -0.9440855979919434 55 1.8518518518518516 0

40 -1.1073274612426758 55 1.8518518518518516 0

48 -1.2788679599761963 55 1.8518518518518516 0

56 -1.5044763088226318 55 1.8518518518518516 0

64 -1.6920077800750732 55 1.8518518518518516 0

72 -1.8854577541351318 55 1.8518518518518516 0

80 -2.102876663208008 55 1.8518518518518516 0

88 -2.34267258644104 55 1.8518518518518516 0

96 -2.556138753890991 55 1.8518518518518516 0

104 -2.729652166366577 55 1.8518518518518516 0

112 -2.9357447624206543 55 1.8518518518518516 0

120 -3.1332545280456543 55 1.8518518518518516 0

128 -3.30578875541687 55 1.8518518518518516 0

136 -3.472381830215454 55 1.8518518518518516 0

144 -3.6414191722869873 55 1.8518518518518516 0

152 -3.805979013442993 55 1.8518518518518516 0

160 -3.9765233993530273 55 1.8518518518518516 0

168 -4.176988840103149 55 1.8518518518518516 0

176 -4.3824379444122314 55 1.8518518518518516 0

184 -4.559000015258789 55 1.8518518518518516 0

192 -4.726551294326782 55 1.8518518518518516 0

200 -4.891078233718872 55 1.8518518518518516 0

208 -5.143403768539429 55 1.8518518518518516 0

216 -5.351194858551025 55 1.8518518518518516 0

224 -5.583572149276733 55 1.8518518518518516 0

232 -5.7611305713653564 55 1.8518518518518516 0

240 -5.943645000457764 55 1.8518518518518516 0

248 -6.180013418197632 55 1.8518518518518516 0

256 -6.397489070892334 55 1.8518518518518516 0

264 -6.585147380828857 55 1.8518518518518516 0

10 12 55

272 -8.294055938720703 55 1.8518518518518516 0

2 7 55

280 -9.831385135650635 55 1.8518518518518516 0

6 21 54

yes 54

290 -11.523717164993286 54 0.0 0

final date： [0, 1, 0, 0, 6, 1, 8, 17, 8, 1, 12, 17, 13, 26, 22, 19, 6, 13, 29, 19, 11, 31, 29, 38, 26, 33, 42, 41, 33, 46, 42, 54]

finalduration： 54 opm 54 deviation 0.0 % time 11.54 s

j3011\_10.sm 38

final date： [0, 0, 0, 7, 4, 4, 3, 4, 10, 3, 10, 7, 14, 20, 14, 15, 10, 17, 22, 13, 18, 30, 20, 23, 25, 34, 22, 29, 37, 32, 25, 38]

finalduration： 38 opm 38 deviation 0.0 % time 0.01 s

j3011\_2.sm 56

8 -0.1635301113128662 56 0.0 0

final date： [0, 0, 0, 0, 7, 17, 12, 9, 23, 9, 19, 12, 17, 21, 26, 36, 43, 19, 25, 31, 35, 43, 36, 12, 26, 32, 35, 47, 46, 36, 49, 56]

finalduration： 56 opm 56 deviation 0.0 % time 0.18 s

j3011\_3.sm 81

final date： [0, 0, 0, 0, 15, 10, 14, 17, 9, 21, 25, 9, 9, 12, 18, 33, 21, 36, 19, 12, 23, 25, 36, 34, 43, 49, 59, 66, 49, 44, 72, 81]

finalduration： 81 opm 81 deviation 0.0 % time 0.01 s

j3011\_4.sm 63

8 -0.2189466953277588 63 0.0 0

final date： [0, 0, 0, 0, 9, 8, 8, 15, 22, 23, 2, 23, 16, 23, 32, 22, 40, 28, 35, 25, 35, 30, 37, 32, 49, 45, 47, 49, 50, 25, 59, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.24 s

j3011\_5.sm 49

8 -0.20149445533752441 51 4.081632653061225 0

16 -0.4124739170074463 51 4.081632653061225 0

24 -0.5880095958709717 51 4.081632653061225 0

32 -0.757556676864624 51 4.081632653061225 0

40 -0.9261021614074707 51 4.081632653061225 0

48 -1.1035280227661133 51 4.081632653061225 0

56 -1.316990852355957 51 4.081632653061225 0

64 -1.4745724201202393 50 2.0408163265306123 0

72 -1.6829791069030762 50 2.0408163265306123 0

80 -1.8382301330566406 50 2.0408163265306123 0

88 -2.0087428092956543 50 2.0408163265306123 0

96 -2.190258026123047 50 2.0408163265306123 0

104 -2.375941514968872 50 2.0408163265306123 0

112 -2.5345489978790283 50 2.0408163265306123 0

120 -2.722047805786133 50 2.0408163265306123 0

128 -2.918523073196411 50 2.0408163265306123 0

136 -3.1140005588531494 50 2.0408163265306123 0

144 -3.384799003601074 50 2.0408163265306123 0

152 -3.6092329025268555 50 2.0408163265306123 0

160 -3.825620651245117 50 2.0408163265306123 0

168 -4.090619802474976 50 2.0408163265306123 0

176 -4.273541688919067 50 2.0408163265306123 0

184 -4.497430086135864 50 2.0408163265306123 0

192 -4.763682126998901 50 2.0408163265306123 0

200 -4.999052286148071 50 2.0408163265306123 0

208 -5.173619747161865 50 2.0408163265306123 0

216 -5.337138891220093 50 2.0408163265306123 0

224 -5.4968180656433105 50 2.0408163265306123 0

232 -5.671528339385986 50 2.0408163265306123 0

240 -5.834134578704834 50 2.0408163265306123 0

248 -6.081434011459351 50 2.0408163265306123 0

256 -6.336751222610474 50 2.0408163265306123 0

264 -6.539799451828003 50 2.0408163265306123 0

272 -6.698366403579712 50 2.0408163265306123 0

280 -6.888892412185669 50 2.0408163265306123 0

288 -7.058403730392456 50 2.0408163265306123 0

296 -7.218010187149048 49 0.0 0

final date： [0, 0, 0, 12, 1, 5, 13, 13, 5, 1, 3, 13, 31, 3, 13, 23, 18, 27, 23, 27, 40, 23, 34, 29, 40, 44, 31, 39, 47, 45, 44, 49]

finalduration： 49 opm 49 deviation 0.0 % time 7.23 s

j3011\_6.sm 44

final date： [0, 0, 0, 0, 4, 6, 13, 7, 27, 22, 7, 4, 12, 14, 5, 13, 12, 29, 27, 21, 29, 6, 29, 37, 35, 37, 17, 38, 27, 39, 39, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.01 s

j3011\_7.sm 36

8 -0.1346731185913086 37 2.7777777777777777 0

16 -0.27526378631591797 37 2.7777777777777777 0

24 -0.4248640537261963 36 0.0 0

final date： [0, 0, 0, 0, 10, 2, 2, 4, 13, 2, 19, 4, 9, 9, 13, 13, 20, 17, 13, 10, 13, 19, 28, 19, 32, 28, 5, 22, 28, 32, 33, 36]

finalduration： 36 opm 36 deviation 0.0 % time 0.44 s

j3011\_8.sm 62

8 -0.2124009132385254 62 0.0 0

final date： [0, 0, 0, 0, 7, 7, 16, 25, 23, 25, 25, 16, 23, 28, 31, 23, 37, 9, 12, 8, 35, 38, 35, 27, 43, 33, 53, 43, 48, 56, 51, 62]

finalduration： 62 opm 62 deviation 0.0 % time 0.24 s

j3011\_9.sm 67

final date： [0, 0, 0, 0, 3, 3, 8, 6, 13, 14, 23, 22, 26, 28, 26, 23, 8, 13, 17, 5, 28, 28, 36, 22, 45, 31, 45, 54, 63, 52, 45, 67]

finalduration： 67 opm 67 deviation 0.0 % time 0.01 s

j3012\_1.sm 47

final date： [0, 0, 0, 0, 8, 8, 8, 18, 2, 4, 18, 4, 18, 10, 24, 24, 9, 4, 23, 30, 21, 18, 23, 24, 27, 27, 30, 32, 39, 31, 39, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j3012\_10.sm 57

final date： [0, 0, 0, 0, 9, 9, 15, 8, 8, 8, 17, 18, 17, 9, 14, 14, 4, 22, 23, 15, 17, 24, 32, 39, 29, 46, 39, 27, 49, 42, 29, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3012\_2.sm 46

final date： [0, 0, 0, 0, 8, 15, 8, 6, 12, 16, 15, 12, 6, 21, 3, 16, 28, 16, 20, 29, 15, 20, 19, 28, 29, 21, 28, 36, 38, 36, 37, 46]

finalduration： 46 opm 46 deviation 0.0 % time 0.01 s

j3012\_3.sm 37

final date： [0, 0, 0, 0, 2, 2, 4, 9, 2, 7, 2, 9, 12, 7, 7, 16, 12, 4, 18, 12, 15, 17, 15, 18, 23, 16, 20, 23, 24, 25, 31, 37]

finalduration： 37 opm 37 deviation 0.0 % time 0.01 s

j3012\_4.sm 63

final date： [0, 0, 0, 0, 9, 9, 9, 16, 5, 5, 15, 18, 10, 12, 15, 10, 19, 26, 15, 17, 22, 28, 37, 37, 25, 26, 36, 43, 25, 53, 46, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3012\_5.sm 47

final date： [0, 0, 0, 0, 1, 1, 3, 11, 10, 1, 3, 6, 6, 10, 3, 6, 10, 16, 20, 10, 21, 12, 24, 11, 18, 29, 20, 25, 28, 14, 39, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j3012\_6.sm 53

final date： [0, 0, 0, 0, 10, 10, 20, 10, 21, 8, 20, 21, 17, 26, 31, 20, 4, 34, 13, 23, 24, 13, 34, 27, 23, 30, 40, 31, 32, 43, 38, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3012\_7.sm 55

final date： [0, 0, 0, 0, 6, 9, 7, 16, 16, 9, 12, 6, 24, 6, 16, 10, 20, 7, 30, 16, 32, 30, 39, 35, 35, 16, 21, 32, 45, 41, 43, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j3012\_8.sm 35

final date： [0, 0, 0, 0, 3, 3, 3, 6, 8, 8, 6, 6, 8, 16, 6, 15, 15, 11, 8, 11, 8, 8, 16, 18, 21, 16, 26, 20, 23, 27, 22, 35]

finalduration： 35 opm 35 deviation 0.0 % time 0.01 s

j3012\_9.sm 52

final date： [0, 0, 0, 0, 2, 2, 5, 8, 7, 7, 5, 5, 13, 13, 17, 6, 21, 23, 15, 22, 17, 26, 27, 29, 30, 24, 39, 26, 33, 39, 43, 52]

finalduration： 52 opm 52 deviation 0.0 % time 0.01 s

j3013\_1.sm 58

8 -0.21878910064697266 67 15.517241379310345 0

16 -0.4282267093658447 65 12.068965517241379 0

24 -0.6586101055145264 65 12.068965517241379 0

32 -0.8640608787536621 64 10.344827586206897 0

40 -1.0735034942626953 64 10.344827586206897 0

48 -1.3174209594726562 64 10.344827586206897 0

56 -1.5618021488189697 64 10.344827586206897 0

64 -1.848008155822754 63 8.620689655172415 0

72 -2.117286205291748 61 5.172413793103448 0

80 -2.388561964035034 61 5.172413793103448 0

88 -2.687795400619507 61 5.172413793103448 0

96 -2.9182214736938477 61 5.172413793103448 0

104 -3.139030694961548 61 5.172413793103448 0

112 -3.3544671535491943 61 5.172413793103448 0

120 -3.5848548412323 61 5.172413793103448 0

128 -3.8341867923736572 61 5.172413793103448 0

136 -4.041598320007324 61 5.172413793103448 0

144 -4.254626989364624 61 5.172413793103448 0

152 -4.45508885383606 61 5.172413793103448 0

160 -4.687467575073242 61 5.172413793103448 0

168 -4.883942365646362 61 5.172413793103448 0

176 -5.0923871994018555 61 5.172413793103448 0

184 -5.292849063873291 61 5.172413793103448 0

192 -5.487330913543701 61 5.172413793103448 0

200 -5.690788984298706 61 5.172413793103448 0

208 -5.884906053543091 61 5.172413793103448 0

216 -6.0855488777160645 61 5.172413793103448 0

224 -6.287491798400879 61 5.172413793103448 0

232 -6.498926639556885 61 5.172413793103448 0

240 -6.701387643814087 61 5.172413793103448 0

248 -6.928324222564697 61 5.172413793103448 0

256 -7.141786098480225 61 5.172413793103448 0

264 -7.34125280380249 60 3.4482758620689653 0

272 -7.5457072257995605 60 3.4482758620689653 0

280 -7.785072326660156 58 0.0 0

final date： [0, 2, 0, 1, 4, 2, 33, 15, 25, 24, 5, 11, 34, 17, 5, 38, 32, 13, 24, 45, 13, 46, 33, 21, 44, 50, 27, 38, 49, 51, 47, 58]

finalduration： 58 opm 58 deviation 0.0 % time 7.81 s

j3013\_10.sm 64

8 -0.28620433807373047 69 7.8125 0

16 -0.5126309394836426 65 1.5625 0

24 -0.7549498081207275 64 0.0 0

final date： [0, 0, 0, 13, 6, 14, 24, 22, 23, 14, 50, 1, 46, 34, 15, 12, 44, 23, 5, 34, 18, 32, 34, 44, 28, 50, 35, 52, 62, 60, 59, 64]

finalduration： 64 opm 64 deviation 0.0 % time 0.78 s

j3013\_2.sm 62

8 -0.21206259727478027 69 11.29032258064516 0

16 -0.4414494037628174 69 11.29032258064516 0

24 -0.655921220779419 68 9.67741935483871 0

32 -0.8992733955383301 68 9.67741935483871 0

40 -1.1066830158233643 66 6.451612903225806 0

48 -1.3381047248840332 66 6.451612903225806 0

56 -1.5664942264556885 65 4.838709677419355 0

64 -1.8323562145233154 65 4.838709677419355 0

72 -2.095217227935791 64 3.225806451612903 0

80 -2.3647637367248535 64 3.225806451612903 0

88 -2.559244155883789 64 3.225806451612903 0

96 -2.7983453273773193 64 3.225806451612903 0

104 -3.0925586223602295 64 3.225806451612903 0

112 -3.378793716430664 64 3.225806451612903 0

120 -3.625765800476074 63 1.6129032258064515 0

128 -3.8388752937316895 63 1.6129032258064515 0

136 -4.0639729499816895 62 0.0 0

final date： [0, 0, 5, 0, 18, 11, 21, 4, 27, 13, 14, 22, 45, 46, 31, 32, 21, 34, 14, 13, 36, 40, 52, 40, 43, 43, 23, 46, 56, 56, 58, 62]

finalduration： 62 opm 62 deviation 0.0 % time 4.09 s

j3013\_3.sm 76

8 -0.3919525146484375 80 5.263157894736842 0

16 -0.6419336795806885 80 5.263157894736842 0

24 -0.8913068771362305 80 5.263157894736842 0

32 -1.2911996841430664 78 2.631578947368421 0

40 -1.6312894821166992 78 2.631578947368421 0

48 -1.9205174446105957 78 2.631578947368421 0

56 -2.1718766689300537 78 2.631578947368421 0

64 -2.4471092224121094 78 2.631578947368421 0

72 -2.7170069217681885 78 2.631578947368421 0

80 -3.0142107009887695 78 2.631578947368421 0

88 -3.4041361808776855 78 2.631578947368421 0

96 -3.7323641777038574 78 2.631578947368421 0

104 -4.041569948196411 78 2.631578947368421 0

112 -4.32381534576416 78 2.631578947368421 0

120 -4.594093084335327 78 2.631578947368421 0

128 -4.852401494979858 78 2.631578947368421 0

136 -5.133264541625977 78 2.631578947368421 0

144 -5.399251222610474 78 2.631578947368421 0

152 -5.663357734680176 78 2.631578947368421 0

160 -5.948594331741333 78 2.631578947368421 0

168 -6.260725975036621 78 2.631578947368421 0

176 -6.609418869018555 78 2.631578947368421 0

184 -6.891663074493408 78 2.631578947368421 0

192 -7.186907052993774 78 2.631578947368421 0

200 -7.469119071960449 78 2.631578947368421 0

208 -7.756351470947266 78 2.631578947368421 0

216 -8.033555269241333 78 2.631578947368421 0

224 -8.346106052398682 78 2.631578947368421 0

232 -8.626958847045898 78 2.631578947368421 0

240 -8.9121994972229 78 2.631578947368421 0

248 -9.197027921676636 78 2.631578947368421 0

256 -9.465278625488281 78 2.631578947368421 0

264 -9.725251197814941 78 2.631578947368421 0

272 -10.003506898880005 78 2.631578947368421 0

1 13 78

280 -12.57071852684021 78 2.631578947368421 0

9 22 78

288 -15.1569983959198 78 2.631578947368421 0

26 29 78

296 -17.706204652786255 78 2.631578947368421 0

13 29 78

304 -20.162355422973633 78 2.631578947368421 0

5 9 78

312 -22.751689195632935 78 2.631578947368421 0

5 19 78

320 -25.346461057662964 78 2.631578947368421 0

13 15 78

328 -27.85198998451233 78 2.631578947368421 0

23 26 78

336 -30.45044493675232 78 2.631578947368421 0

2 20 78

344 -33.120824575424194 78 2.631578947368421 0

1 4 78

352 -35.8790819644928 78 2.631578947368421 0

6 9 78

360 -38.611992835998535 78 2.631578947368421 0

13 17 78

368 -41.38955998420715 78 2.631578947368421 0

19 30 78

376 -43.888609170913696 78 2.631578947368421 0

26 29 78

384 -46.680254220962524 78 2.631578947368421 0

7 15 78

392 -49.13837718963623 78 2.631578947368421 0

2 14 78

400 -51.660006046295166 78 2.631578947368421 0

10 26 78

408 -54.244508504867554 78 2.631578947368421 0

16 27 78

416 -56.62425208091736 78 2.631578947368421 0

3 28 78

424 -59.31614112854004 78 2.631578947368421 0

9 30 78

432 -61.862713098526 78 2.631578947368421 0

20 22 78

440 -64.58702301979065 78 2.631578947368421 0

19 22 78

448 -67.30468082427979 78 2.631578947368421 0

2 22 78

456 -70.351975440979 78 2.631578947368421 0

5 21 78

464 -73.4712986946106 78 2.631578947368421 0

1 6 78

472 -76.19840788841248 78 2.631578947368421 0

22 28 78

480 -78.94422268867493 78 2.631578947368421 0

22 26 78

488 -81.3032443523407 78 2.631578947368421 0

17 30 78

496 -83.72286701202393 78 2.631578947368421 0

21 27 78

504 -86.12959051132202 78 2.631578947368421 0

18 25 78

512 -88.7054979801178 78 2.631578947368421 0

6 10 78

520 -91.00600957870483 78 2.631578947368421 0

23 28 78

528 -93.33012795448303 78 2.631578947368421 0

28 30 78

536 -95.67604899406433 78 2.631578947368421 0

25 28 78

544 -98.21082019805908 78 2.631578947368421 0

19 22 78

552 -100.76882934570312 78 2.631578947368421 0

21 30 78

560 -103.43948912620544 78 2.631578947368421 0

26 30 78

568 -106.05379796028137 78 2.631578947368421 0

22 29 78

576 -108.49083971977234 78 2.631578947368421 0

7 14 78

584 -111.26041674613953 78 2.631578947368421 0

9 12 78

592 -113.77515125274658 78 2.631578947368421 0

11 19 78

600 -116.28297328948975 78 2.631578947368421 0

22 26 78

608 -118.53119850158691 78 2.631578947368421 0

14 28 78

616 -120.8695318698883 78 2.631578947368421 0

26 28 78

624 -123.33845496177673 78 2.631578947368421 0

25 27 78

632 -125.81687092781067 78 2.631578947368421 0

19 26 78

640 -128.49059581756592 78 2.631578947368421 0

13 16 78

648 -131.23037481307983 78 2.631578947368421 0

26 28 78

656 -134.3081350326538 78 2.631578947368421 0

15 20 78

664 -137.1830928325653 78 2.631578947368421 0

15 18 78

672 -139.5198197364807 78 2.631578947368421 0

12 17 78

680 -141.86486721038818 78 2.631578947368421 0

4 24 78

688 -144.38835787773132 78 2.631578947368421 0

2 24 78

696 -146.7619068622589 78 2.631578947368421 0

14 28 78

704 -149.15880346298218 78 2.631578947368421 0

8 17 78

712 -151.52877283096313 78 2.631578947368421 0

23 30 78

720 -153.88968443870544 78 2.631578947368421 0

3 17 78

728 -156.23579382896423 78 2.631578947368421 0

11 26 78

736 -158.7306432723999 78 2.631578947368421 0

27 29 78

744 -161.00068259239197 78 2.631578947368421 0

2 6 78

752 -163.42429757118225 78 2.631578947368421 0

11 29 78

760 -165.97520685195923 78 2.631578947368421 0

14 17 78

768 -168.4489347934723 78 2.631578947368421 0

19 23 78

776 -170.99236702919006 78 2.631578947368421 0

18 29 78

784 -173.47299194335938 78 2.631578947368421 0

10 24 78

792 -176.12859463691711 78 2.631578947368421 0

7 23 78

800 -178.77403736114502 78 2.631578947368421 0

19 29 78

808 -181.23311924934387 78 2.631578947368421 0

12 25 78

816 -183.6149125099182 78 2.631578947368421 0

3 13 77

yes 77

826 -186.06051063537598 77 1.3157894736842104 0

834 -186.34196138381958 77 1.3157894736842104 0

842 -186.6082124710083 77 1.3157894736842104 0

850 -186.89544320106506 77 1.3157894736842104 0

858 -187.188250541687 77 1.3157894736842104 0

866 -187.46454739570618 77 1.3157894736842104 0

874 -187.7398099899292 77 1.3157894736842104 0

882 -187.99738454818726 77 1.3157894736842104 0

890 -188.2725670337677 77 1.3157894736842104 0

898 -188.53901171684265 77 1.3157894736842104 0

906 -188.79831433296204 77 1.3157894736842104 0

914 -189.05662298202515 77 1.3157894736842104 0

922 -189.31596851348877 77 1.3157894736842104 0

930 -189.5802617073059 77 1.3157894736842104 0

938 -189.8276002407074 77 1.3157894736842104 0

946 -190.07593607902527 77 1.3157894736842104 0

954 -190.3414385318756 77 1.3157894736842104 0

962 -190.5987093448639 77 1.3157894736842104 0

970 -190.8660273551941 77 1.3157894736842104 0

978 -191.13293051719666 77 1.3157894736842104 0

986 -191.39426445960999 77 1.3157894736842104 0

994 -191.6515758037567 77 1.3157894736842104 0

1002 -192.00160813331604 77 1.3157894736842104 0

1010 -192.28551268577576 77 1.3157894736842104 0

1018 -192.53580331802368 77 1.3157894736842104 0

1026 -192.7901246547699 77 1.3157894736842104 0

1034 -193.04509234428406 77 1.3157894736842104 0

1042 -193.33576011657715 77 1.3157894736842104 0

1050 -193.6321473121643 77 1.3157894736842104 0

1058 -193.89049172401428 77 1.3157894736842104 0

1066 -194.19866800308228 77 1.3157894736842104 0

11 16 77

1074 -196.65876722335815 77 1.3157894736842104 0

23 28 77

1082 -199.14066433906555 77 1.3157894736842104 0

12 15 77

1090 -201.33080101013184 77 1.3157894736842104 0

10 18 77

1098 -203.8431580066681 77 1.3157894736842104 0

5 17 77

1106 -206.3246567249298 77 1.3157894736842104 0

24 27 77

1114 -208.69719314575195 77 1.3157894736842104 0

7 13 77

1122 -211.03850317001343 77 1.3157894736842104 0

18 23 77

1130 -213.53881764411926 77 1.3157894736842104 0

7 25 77

1138 -216.69762015342712 77 1.3157894736842104 0

16 25 77

1146 -219.882972240448 77 1.3157894736842104 0

17 25 77

1154 -222.6113622188568 77 1.3157894736842104 0

16 26 77

1162 -225.19873595237732 77 1.3157894736842104 0

10 28 77

1170 -227.8796901702881 77 1.3157894736842104 0

17 22 77

1178 -230.57718658447266 77 1.3157894736842104 0

23 26 77

1186 -233.02752447128296 77 1.3157894736842104 0

22 24 77

1194 -235.50827383995056 77 1.3157894736842104 0

15 20 77

1202 -237.8728063106537 77 1.3157894736842104 0

3 11 77

1210 -240.3555555343628 77 1.3157894736842104 0

20 24 77

1218 -242.90957689285278 77 1.3157894736842104 0

6 10 77

1226 -245.43319129943848 77 1.3157894736842104 0

5 17 77

1234 -248.00626182556152 77 1.3157894736842104 0

4 27 77

1242 -250.37670826911926 77 1.3157894736842104 0

11 22 77

1250 -252.9038531780243 77 1.3157894736842104 0

19 24 77

1258 -255.2097873687744 77 1.3157894736842104 0

25 28 77

1266 -258.1520445346832 77 1.3157894736842104 0

21 27 77

1274 -265.5894765853882 77 1.3157894736842104 0

23 30 77

1282 -270.3775906562805 77 1.3157894736842104 0

5 23 77

1290 -274.5331676006317 77 1.3157894736842104 0

22 25 77

1298 -278.15560483932495 77 1.3157894736842104 0

4 12 77

1306 -281.2806212902069 77 1.3157894736842104 0

1 24 77

1314 -283.84627389907837 77 1.3157894736842104 0

3 30 77

1322 -287.0499439239502 77 1.3157894736842104 0

20 29 77

1330 -289.7449700832367 77 1.3157894736842104 0

8 15 77

1338 -292.52300810813904 77 1.3157894736842104 0

7 29 77

1346 -295.54518008232117 77 1.3157894736842104 0

16 28 77

1354 -298.39186811447144 77 1.3157894736842104 0

22 27 77

1362 -301.29638719558716 77 1.3157894736842104 0

6 15 77

1370 -304.2687838077545 77 1.3157894736842104 0

15 30 77

1378 -307.2250576019287 77 1.3157894736842104 0

3 28 77

1386 -309.7482707500458 77 1.3157894736842104 0

19 22 77

1394 -312.1834716796875 77 1.3157894736842104 0

8 17 77

1402 -314.58379793167114 77 1.3157894736842104 0

18 21 77

1410 -317.0225028991699 77 1.3157894736842104 0

6 28 77

1418 -319.49930906295776 77 1.3157894736842104 0

21 24 77

1426 -321.9528977870941 77 1.3157894736842104 0

16 23 77

1434 -324.3386859893799 77 1.3157894736842104 0

14 26 77

1442 -326.8690297603607 77 1.3157894736842104 0

15 21 77

1450 -329.1904320716858 77 1.3157894736842104 0

2 13 77

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finalduration： 79 opm 77 deviation 2.597 % time 1294.3 s

j3013\_8.sm 106

8 -0.34005308151245117 115 8.49056603773585 0

16 -0.6901547908782959 115 8.49056603773585 0

24 -1.0122926235198975 113 6.60377358490566 0

32 -1.3614485263824463 113 6.60377358490566 0

40 -1.682589054107666 112 5.660377358490567 0

48 -2.2395577430725098 112 5.660377358490567 0

56 -2.684406280517578 112 5.660377358490567 0

64 -3.1387596130371094 112 5.660377358490567 0

72 -3.6254122257232666 112 5.660377358490567 0

80 -4.149613380432129 112 5.660377358490567 0

88 -4.609149694442749 112 5.660377358490567 0

96 -5.105579137802124 109 2.8301886792452833 0

104 -5.410762071609497 109 2.8301886792452833 0

112 -5.717944145202637 109 2.8301886792452833 0

120 -6.039700031280518 109 2.8301886792452833 0

128 -6.455414056777954 109 2.8301886792452833 0

136 -6.762594223022461 109 2.8301886792452833 0

144 -7.118223190307617 109 2.8301886792452833 0

152 -7.468287229537964 109 2.8301886792452833 0

160 -7.7904276847839355 109 2.8301886792452833 0

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208 -10.225394010543823 109 2.8301886792452833 0

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224 -11.160491943359375 109 2.8301886792452833 0

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248 -12.437621593475342 108 1.8867924528301887 0

256 -12.810662984848022 108 1.8867924528301887 0

264 -13.217538356781006 107 0.9433962264150944 0

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312 -15.203075170516968 106 0.0 0

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finalduration： 106 opm 106 deviation 0.0 % time 15.24 s

j3013\_9.sm 71

8 -0.2263948917388916 77 8.450704225352112 0

16 -0.540593147277832 75 5.633802816901409 0

24 -0.7709391117095947 75 5.633802816901409 0

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72 -2.2313077449798584 75 5.633802816901409 0

80 -2.4447357654571533 74 4.225352112676056 0

88 -2.663153648376465 74 4.225352112676056 0

96 -2.8831682205200195 74 4.225352112676056 0

104 -3.1095640659332275 73 2.8169014084507045 0

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136 -4.217236757278442 73 2.8169014084507045 0

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152 -4.723548650741577 73 2.8169014084507045 0

160 -4.952484846115112 72 1.4084507042253522 0

168 -5.2427098751068115 72 1.4084507042253522 0

176 -5.484064102172852 72 1.4084507042253522 0

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32 -0.7711787223815918 50 0.0 0

final date： [0, 18, 0, 0, 2, 10, 2, 12, 6, 14, 10, 6, 12, 17, 17, 18, 25, 17, 11, 14, 27, 22, 28, 27, 37, 38, 45, 36, 41, 47, 33, 50]

finalduration： 50 opm 50 deviation 0.0 % time 0.8 s

j3014\_10.sm 61

8 -0.24430632591247559 61 0.0 0

final date： [0, 0, 0, 0, 14, 29, 9, 9, 5, 20, 20, 30, 29, 17, 17, 27, 27, 45, 35, 26, 37, 36, 45, 44, 37, 19, 51, 48, 53, 52, 53, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.27 s

j3014\_2.sm 53

8 -0.20648550987243652 58 9.433962264150944 0

16 -0.4138944149017334 55 3.7735849056603774 0

24 -0.6233336925506592 54 1.8867924528301887 0

32 -0.8717117309570312 54 1.8867924528301887 0

40 -1.1091229915618896 54 1.8867924528301887 0

48 -1.3045523166656494 54 1.8867924528301887 0

56 -1.501028299331665 54 1.8867924528301887 0

64 -1.7024896144866943 54 1.8867924528301887 0

72 -1.9468348026275635 54 1.8867924528301887 0

80 -2.141314744949341 54 1.8867924528301887 0

88 -2.3504536151885986 54 1.8867924528301887 0

96 -2.5598936080932617 54 1.8867924528301887 0

104 -2.7887072563171387 54 1.8867924528301887 0

112 -3.028104066848755 54 1.8867924528301887 0

120 -3.216562032699585 54 1.8867924528301887 0

128 -3.4240448474884033 53 0.0 0

final date： [0, 0, 0, 0, 3, 7, 11, 14, 16, 17, 26, 16, 11, 32, 15, 29, 32, 37, 25, 30, 15, 26, 26, 38, 36, 40, 40, 44, 44, 50, 41, 53]

finalduration： 53 opm 53 deviation 0.0 % time 3.45 s

j3014\_3.sm 58

8 -0.21144700050354004 60 3.4482758620689653 0

16 -0.4226572513580322 60 3.4482758620689653 0

24 -0.6998777389526367 59 1.7241379310344827 0

32 -0.9571900367736816 59 1.7241379310344827 0

40 -1.1925230026245117 59 1.7241379310344827 0

48 -1.4338774681091309 58 0.0 0

final date： [0, 0, 0, 10, 10, 15, 13, 17, 31, 9, 35, 9, 25, 25, 37, 45, 12, 27, 47, 26, 39, 45, 34, 27, 17, 29, 51, 41, 50, 53, 48, 58]

finalduration： 58 opm 58 deviation 0.0 % time 1.46 s

j3014\_4.sm 50

8 -0.2214498519897461 52 4.0 0

16 -0.42386674880981445 51 2.0 0

24 -0.6163537502288818 51 2.0 0

32 -0.8148066997528076 51 2.0 0

40 -0.9902987480163574 51 2.0 0

48 -1.1738097667694092 51 2.0 0

56 -1.3463850021362305 51 2.0 0

64 -1.5158934593200684 51 2.0 0

72 -1.7023952007293701 51 2.0 0

80 -1.9102017879486084 51 2.0 0

88 -2.1099116802215576 51 2.0 0

96 -2.2809743881225586 51 2.0 0

104 -2.472449541091919 51 2.0 0

112 -2.657958507537842 51 2.0 0

120 -2.8275699615478516 51 2.0 0

128 -3.00111722946167 51 2.0 0

136 -3.1875667572021484 51 2.0 0

144 -3.38303804397583 51 2.0 0

152 -3.5775132179260254 51 2.0 0

160 -3.7585349082946777 51 2.0 0

168 -3.9556992053985596 51 2.0 0

176 -4.205067157745361 51 2.0 0

184 -4.423476696014404 51 2.0 0

192 -4.6119701862335205 51 2.0 0

200 -4.787578105926514 51 2.0 0

208 -4.974938631057739 51 2.0 0

216 -5.16039514541626 51 2.0 0

224 -5.369827747344971 51 2.0 0

232 -5.583253860473633 51 2.0 0

240 -5.766803026199341 51 2.0 0

248 -5.95927619934082 51 2.0 0

256 -6.171665668487549 51 2.0 0

8 16 51

264 -7.746653318405151 51 2.0 0

21 30 51

272 -9.427162885665894 51 2.0 0

5 9 51

280 -11.13838267326355 51 2.0 0

17 28 51

288 -12.925661563873291 51 2.0 0

6 10 51

296 -14.628422737121582 51 2.0 0

15 20 51

304 -16.298588275909424 51 2.0 0

20 28 51

312 -17.924349546432495 51 2.0 0

2 23 51

320 -19.876447439193726 51 2.0 0

19 26 51

328 -21.519017457962036 51 2.0 0

7 12 51

336 -23.228885173797607 51 2.0 0

11 28 50

yes 50

346 -25.200666189193726 50 0.0 0

final date： [0, 0, 5, 0, 6, 10, 14, 17, 6, 8, 16, 17, 38, 20, 10, 21, 25, 20, 21, 23, 25, 32, 17, 31, 30, 40, 41, 32, 16, 45, 46, 50]

finalduration： 50 opm 50 deviation 0.0 % time 25.24 s

j3014\_5.sm 52

8 -0.23935461044311523 53 1.9230769230769231 0

16 -0.49471378326416016 53 1.9230769230769231 0

24 -0.7871227264404297 53 1.9230769230769231 0

32 -1.0364480018615723 53 1.9230769230769231 0

40 -1.2559030055999756 53 1.9230769230769231 0

48 -1.4862675666809082 53 1.9230769230769231 0

56 -1.7106294631958008 53 1.9230769230769231 0

64 -1.9519784450531006 53 1.9230769230769231 0

72 -2.189225673675537 53 1.9230769230769231 0

80 -2.4032208919525146 53 1.9230769230769231 0

88 -2.6124825477600098 53 1.9230769230769231 0

96 -2.7889654636383057 53 1.9230769230769231 0

104 -2.9904234409332275 53 1.9230769230769231 0

112 -3.2208008766174316 53 1.9230769230769231 0

120 -3.4294517040252686 53 1.9230769230769231 0

128 -3.6670079231262207 53 1.9230769230769231 0

136 -3.8764517307281494 53 1.9230769230769231 0

144 -4.129803657531738 53 1.9230769230769231 0

152 -4.332224130630493 53 1.9230769230769231 0

160 -4.534712791442871 53 1.9230769230769231 0

168 -4.7451090812683105 53 1.9230769230769231 0

176 -4.970503330230713 53 1.9230769230769231 0

184 -5.1849565505981445 53 1.9230769230769231 0

192 -5.386379718780518 53 1.9230769230769231 0

200 -5.611471652984619 53 1.9230769230769231 0

208 -5.819941997528076 53 1.9230769230769231 0

216 -6.032335996627808 53 1.9230769230769231 0

224 -6.236783504486084 52 0.0 0

final date： [0, 0, 8, 0, 2, 13, 2, 9, 14, 8, 12, 6, 16, 20, 31, 17, 28, 29, 21, 19, 28, 15, 36, 29, 18, 22, 29, 34, 37, 40, 43, 52]

finalduration： 52 opm 52 deviation 0.0 % time 6.26 s

j3014\_6.sm 35

8 -0.16157174110412598 37 5.714285714285714 0

16 -0.30318379402160645 36 2.857142857142857 0

24 -0.46303486824035645 36 2.857142857142857 0

32 -0.600867509841919 36 2.857142857142857 0

40 -0.746556282043457 36 2.857142857142857 0

48 -0.9101214408874512 36 2.857142857142857 0

56 -1.0696511268615723 36 2.857142857142857 0

64 -1.2192494869232178 36 2.857142857142857 0

72 -1.3638994693756104 36 2.857142857142857 0

80 -1.5214741230010986 36 2.857142857142857 0

88 -1.7019855976104736 36 2.857142857142857 0

96 -1.8555727005004883 36 2.857142857142857 0

104 -2.014145612716675 36 2.857142857142857 0

112 -2.1468276977539062 36 2.857142857142857 0

120 -2.270493984222412 36 2.857142857142857 0

128 -2.4121906757354736 35 0.0 0

final date： [0, 0, 0, 0, 6, 3, 10, 3, 10, 5, 14, 12, 11, 4, 9, 17, 13, 12, 11, 16, 17, 21, 22, 22, 27, 21, 21, 27, 30, 29, 27, 35]

finalduration： 35 opm 35 deviation 0.0 % time 2.43 s

j3014\_7.sm 50

8 -0.19750380516052246 52 4.0 0

16 -0.4128859043121338 52 4.0 0

24 -0.6163358688354492 52 4.0 0

32 -0.8398163318634033 52 4.0 0

40 -1.0552833080291748 52 4.0 0

48 -1.261681079864502 52 4.0 0

56 -1.461181879043579 52 4.0 0

64 -1.6576452255249023 52 4.0 0

72 -1.873070240020752 52 4.0 0

80 -2.0904829502105713 52 4.0 0

88 -2.2699997425079346 52 4.0 0

96 -2.503333568572998 52 4.0 0

104 -2.685842514038086 52 4.0 0

112 -2.8961596488952637 52 4.0 0

120 -3.1077041625976562 52 4.0 0

128 -3.3115041255950928 52 4.0 0

136 -3.5066587924957275 52 4.0 0

144 -3.7290232181549072 52 4.0 0

152 -3.926060199737549 52 4.0 0

160 -4.154494524002075 52 4.0 0

168 -4.368480920791626 52 4.0 0

176 -4.600731611251831 52 4.0 0

184 -4.809817314147949 52 4.0 0

192 -5.050170183181763 52 4.0 0

200 -5.288527965545654 52 4.0 0

208 -5.496966600418091 52 4.0 0

216 -5.711897134780884 52 4.0 0

224 -5.927050590515137 52 4.0 0

232 -6.133493900299072 52 4.0 0

240 -6.34093451499939 52 4.0 0

248 -6.532418251037598 52 4.0 0

7 30 52

256 -8.701661586761475 52 4.0 0

11 17 51

yes 51

266 -10.711080551147461 51 2.0 0

274 -10.973364114761353 51 2.0 0

282 -11.175820112228394 51 2.0 0

290 -11.419122695922852 51 2.0 0

298 -11.62660527229309 51 2.0 0

306 -11.837993144989014 51 2.0 0

314 -12.033201932907104 51 2.0 0

322 -12.261622905731201 51 2.0 0

330 -12.50298810005188 51 2.0 0

338 -12.689433097839355 51 2.0 0

346 -12.897445678710938 51 2.0 0

354 -13.129871606826782 51 2.0 0

362 -13.34578824043274 51 2.0 0

370 -13.552238941192627 51 2.0 0

378 -13.759634494781494 51 2.0 0

386 -13.93316650390625 51 2.0 0

394 -14.133664608001709 51 2.0 0

402 -14.344059944152832 51 2.0 0

410 -14.558518409729004 51 2.0 0

418 -14.753952980041504 51 2.0 0

426 -14.964130640029907 51 2.0 0

434 -15.22442889213562 51 2.0 0

442 -15.418940782546997 51 2.0 0

450 -15.680201768875122 51 2.0 0

458 -15.934725999832153 51 2.0 0

466 -16.185049772262573 51 2.0 0

474 -16.45332622528076 51 2.0 0

482 -16.675726413726807 51 2.0 0

490 -16.90909743309021 51 2.0 0

498 -17.118532419204712 51 2.0 0

506 -17.321983814239502 51 2.0 0

24 28 51

514 -19.252666234970093 51 2.0 0

7 25 51

522 -21.295734405517578 51 2.0 0

15 27 51

530 -23.4247989654541 51 2.0 0

18 24 51

538 -25.446272611618042 51 2.0 0

8 19 51

546 -27.357855796813965 51 2.0 0

20 24 51

554 -29.315077304840088 51 2.0 0

17 25 51

562 -31.427117109298706 51 2.0 0

1 14 51

570 -33.510191917419434 51 2.0 0

28 30 51

578 -35.78864073753357 51 2.0 0

5 24 51

586 -38.19243121147156 51 2.0 0

13 17 51

594 -40.705962896347046 51 2.0 0

9 20 51

602 -43.018409967422485 51 2.0 0

9 13 51

610 -46.35178279876709 51 2.0 0

22 29 51

618 -49.68190002441406 51 2.0 0

3 17 51

626 -51.8322172164917 51 2.0 0

16 23 51

634 -54.26156044006348 51 2.0 0

5 12 51

642 -56.46918511390686 51 2.0 0

10 29 51

650 -58.79732155799866 51 2.0 0

11 30 51

658 -61.41971302032471 51 2.0 0

4 27 51

666 -63.62438416481018 51 2.0 0

11 25 51

674 -65.95629024505615 51 2.0 0

2 16 51

682 -68.22632241249084 51 2.0 0

1 14 51

690 -70.37511253356934 51 2.0 0

15 18 51

698 -72.43819904327393 51 2.0 0

26 29 51

706 -74.4529709815979 51 2.0 0

5 23 51

714 -76.7099142074585 51 2.0 0

26 28 51

722 -78.89209699630737 51 2.0 0

2 18 51

730 -80.83606052398682 51 2.0 0

10 28 51

738 -82.85062527656555 51 2.0 0

9 13 51

746 -84.84229516983032 51 2.0 0

17 21 51

754 -86.92343544960022 51 2.0 0

6 18 51

762 -89.0149199962616 51 2.0 0

11 30 51

770 -91.14306354522705 51 2.0 0

7 13 51

778 -93.44782638549805 51 2.0 0

12 25 51

786 -95.52457237243652 51 2.0 0

1 9 51

794 -97.76037549972534 51 2.0 0

25 28 51

802 -100.84005522727966 51 2.0 0

12 16 51

810 -104.03410625457764 51 2.0 0

9 24 51

818 -106.48943591117859 51 2.0 0

14 16 51

826 -108.9879777431488 51 2.0 0

27 29 51

834 -111.44171905517578 51 2.0 0

20 26 51

842 -114.02297949790955 51 2.0 0

22 30 51

850 -116.68186044692993 51 2.0 0

6 8 51

858 -119.04468250274658 51 2.0 0

18 27 51

866 -121.49931073188782 51 2.0 0

22 24 51

874 -123.94315505027771 51 2.0 0

22 26 51

882 -126.36457777023315 51 2.0 0

20 24 51

890 -128.81710076332092 51 2.0 0

15 30 51

898 -131.6015727519989 51 2.0 0

22 27 51

906 -134.0627908706665 51 2.0 0

23 25 51

914 -136.29786658287048 51 2.0 0

28 30 51

922 -138.71632051467896 51 2.0 0

12 16 51

930 -141.22470116615295 51 2.0 0

6 17 51

938 -143.73151922225952 51 2.0 0

8 16 51

946 -146.22765922546387 51 2.0 0

17 20 51

954 -148.71192812919617 51 2.0 0

3 14 51

962 -151.17862129211426 51 2.0 0

5 15 51

970 -153.8836543560028 51 2.0 0

7 14 51

978 -156.40639734268188 51 2.0 0

4 19 51

986 -158.99068903923035 51 2.0 0

17 24 51

994 -161.645441532135 51 2.0 0

21 30 51

1002 -164.23324275016785 51 2.0 0

9 29 51

1010 -166.88736844062805 51 2.0 0

6 21 51

1018 -169.44365334510803 51 2.0 0

1 18 51

1026 -172.05678129196167 51 2.0 0

20 26 51

1034 -174.76975274085999 51 2.0 0

12 14 51

1042 -177.70010042190552 51 2.0 0

10 21 51

1050 -180.49838995933533 51 2.0 0

7 29 50

yes 50

1060 -183.36601185798645 50 0.0 0

final date： [0, 0, 0, 0, 4, 7, 5, 13, 7, 2, 11, 23, 20, 21, 43, 14, 23, 13, 27, 36, 27, 36, 36, 22, 31, 31, 44, 41, 44, 47, 45, 50]

finalduration： 50 opm 50 deviation 0.0 % time 183.39 s

j3014\_8.sm 54

final date： [0, 0, 0, 0, 36, 7, 28, 7, 16, 23, 24, 9, 12, 18, 18, 16, 32, 23, 15, 28, 20, 38, 34, 40, 32, 40, 35, 44, 41, 50, 48, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.02 s

j3014\_9.sm 46

8 -0.261913537979126 48 4.3478260869565215 0

16 -0.5517072677612305 47 2.1739130434782608 0

24 -0.8144240379333496 47 2.1739130434782608 0

32 -1.0599346160888672 47 2.1739130434782608 0

40 -1.301405429840088 47 2.1739130434782608 0

48 -1.5507335662841797 47 2.1739130434782608 0

56 -1.804051399230957 47 2.1739130434782608 0

64 -2.064497470855713 47 2.1739130434782608 0

72 -2.317962646484375 47 2.1739130434782608 0

80 -2.5523483753204346 47 2.1739130434782608 0

88 -2.814628839492798 47 2.1739130434782608 0

96 -3.090080976486206 47 2.1739130434782608 0

104 -3.350343942642212 47 2.1739130434782608 0

112 -3.5837135314941406 47 2.1739130434782608 0

120 -3.8390285968780518 47 2.1739130434782608 0

128 -4.119457483291626 47 2.1739130434782608 0

136 -4.382767915725708 47 2.1739130434782608 0

144 -4.626819849014282 47 2.1739130434782608 0

152 -4.902215957641602 47 2.1739130434782608 0

160 -5.1738574504852295 47 2.1739130434782608 0

168 -5.4262824058532715 47 2.1739130434782608 0

176 -5.665669202804565 47 2.1739130434782608 0

184 -5.8960487842559814 47 2.1739130434782608 0

192 -6.165919303894043 47 2.1739130434782608 0

200 -6.3968422412872314 47 2.1739130434782608 0

208 -6.658236026763916 47 2.1739130434782608 0

216 -6.916593551635742 47 2.1739130434782608 0

224 -7.193356990814209 47 2.1739130434782608 0

232 -7.469577789306641 47 2.1739130434782608 0

240 -7.74487042427063 47 2.1739130434782608 0

248 -8.00368332862854 47 2.1739130434782608 0

256 -8.25047755241394 47 2.1739130434782608 0

4 6 47

264 -10.598239660263062 47 2.1739130434782608 0

5 16 47

272 -12.953472375869751 47 2.1739130434782608 0

13 20 47

280 -15.28999924659729 47 2.1739130434782608 0

10 14 47

288 -17.60325860977173 47 2.1739130434782608 0

17 26 47

296 -19.91693878173828 47 2.1739130434782608 0

17 26 47

304 -22.24095845222473 47 2.1739130434782608 0

10 26 47

312 -24.595229148864746 47 2.1739130434782608 0

28 30 47

320 -26.815126180648804 47 2.1739130434782608 0

15 25 47

328 -29.20431113243103 47 2.1739130434782608 0

17 26 47

336 -31.479936838150024 47 2.1739130434782608 0

4 26 47

344 -33.75622081756592 47 2.1739130434782608 0

21 29 47

352 -36.024888038635254 47 2.1739130434782608 0

23 28 47

360 -38.237807750701904 47 2.1739130434782608 0

1 30 47

368 -40.57829141616821 47 2.1739130434782608 0

11 19 47

376 -42.79210114479065 47 2.1739130434782608 0

5 27 47

384 -45.18497824668884 47 2.1739130434782608 0

6 29 47

392 -47.678221702575684 47 2.1739130434782608 0

26 30 47

400 -50.26499319076538 47 2.1739130434782608 0

15 19 47

408 -52.553152561187744 47 2.1739130434782608 0

9 13 47

416 -55.65303087234497 47 2.1739130434782608 0

26 30 47

424 -58.77712035179138 47 2.1739130434782608 0

24 26 47

432 -61.173808097839355 47 2.1739130434782608 0

17 30 47

440 -63.405158281326294 47 2.1739130434782608 0

9 17 47

448 -65.59084892272949 47 2.1739130434782608 0

15 20 47

456 -67.62514352798462 47 2.1739130434782608 0

9 22 47

464 -69.84463953971863 47 2.1739130434782608 0

23 28 47

472 -72.36506867408752 47 2.1739130434782608 0

23 30 47

480 -75.21863222122192 47 2.1739130434782608 0

19 28 47

488 -78.1324815750122 47 2.1739130434782608 0

17 30 47

496 -81.06935501098633 47 2.1739130434782608 0

3 9 47

504 -84.04495930671692 47 2.1739130434782608 0

4 28 47

512 -87.8586699962616 47 2.1739130434782608 0

15 20 47

520 -91.06011581420898 47 2.1739130434782608 0

17 20 47

528 -93.79676079750061 47 2.1739130434782608 0

12 28 47

536 -96.64470720291138 47 2.1739130434782608 0

19 26 47

544 -99.51071643829346 47 2.1739130434782608 0

20 29 47

552 -102.25641083717346 47 2.1739130434782608 0

4 18 47

560 -105.24837470054626 47 2.1739130434782608 0

15 18 47

568 -107.9591703414917 47 2.1739130434782608 0

22 27 47

576 -110.58310294151306 47 2.1739130434782608 0

12 14 47

584 -112.89091777801514 47 2.1739130434782608 0

3 17 47

592 -115.32330131530762 47 2.1739130434782608 0

22 29 47

600 -118.07205581665039 47 2.1739130434782608 0

5 23 47

608 -120.57637524604797 47 2.1739130434782608 0

7 15 47

616 -123.68218111991882 47 2.1739130434782608 0

13 17 47

624 -125.95502424240112 47 2.1739130434782608 0

9 28 47

632 -127.71294474601746 47 2.1739130434782608 0

1 11 47

640 -129.5853614807129 47 2.1739130434782608 0

5 13 47

648 -131.3038592338562 47 2.1739130434782608 0

13 19 47

656 -133.1457929611206 47 2.1739130434782608 0

9 23 47

664 -134.88958311080933 47 2.1739130434782608 0

5 12 47

672 -136.5636613368988 47 2.1739130434782608 0

11 25 47

680 -138.263733625412 47 2.1739130434782608 0

2 29 47

688 -140.2514898777008 47 2.1739130434782608 0

24 27 47

696 -141.91362953186035 47 2.1739130434782608 0

15 30 47

704 -143.58125138282776 47 2.1739130434782608 0

10 16 47

712 -145.30987548828125 47 2.1739130434782608 0

10 22 47

720 -147.09506249427795 47 2.1739130434782608 0

14 23 47

728 -148.89792394638062 47 2.1739130434782608 0

6 9 47

736 -150.6882827281952 47 2.1739130434782608 0

16 24 47

744 -152.5717921257019 47 2.1739130434782608 0

27 30 47

752 -154.29694485664368 47 2.1739130434782608 0

6 11 47

760 -156.1730604171753 47 2.1739130434782608 0

20 29 47

768 -157.99518513679504 47 2.1739130434782608 0

17 27 47

776 -159.90895867347717 47 2.1739130434782608 0

9 19 47

784 -161.64532017707825 47 2.1739130434782608 0

9 22 46

yes 46

794 -163.54724860191345 46 0.0 0

final date： [0, 30, 0, 0, 5, 13, 5, 5, 18, 9, 14, 14, 21, 27, 30, 22, 33, 10, 39, 21, 31, 23, 31, 39, 26, 33, 42, 40, 45, 43, 44, 46]

finalduration： 46 opm 46 deviation 0.0 % time 163.57 s

j3015\_1.sm 46

final date： [0, 0, 0, 0, 2, 10, 3, 10, 4, 13, 19, 7, 2, 23, 15, 27, 4, 7, 26, 33, 26, 19, 37, 36, 24, 23, 29, 42, 44, 31, 32, 46]

finalduration： 46 opm 46 deviation 0.0 % time 0.01 s

j3015\_10.sm 65

8 -0.20940279960632324 65 0.0 0

final date： [0, 0, 0, 0, 6, 4, 12, 22, 25, 5, 12, 25, 32, 33, 20, 20, 29, 35, 12, 23, 43, 17, 49, 22, 43, 29, 35, 48, 49, 55, 43, 65]

finalduration： 65 opm 65 deviation 0.0 % time 0.24 s

j3015\_2.sm 47

final date： [0, 0, 0, 0, 24, 6, 8, 8, 15, 6, 25, 8, 10, 14, 9, 22, 6, 15, 24, 19, 9, 10, 32, 9, 19, 19, 23, 36, 33, 35, 37, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j3015\_3.sm 48

final date： [0, 0, 0, 21, 8, 3, 3, 10, 9, 19, 14, 10, 18, 28, 18, 10, 22, 23, 10, 34, 25, 38, 17, 27, 28, 22, 26, 22, 38, 29, 42, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j3015\_4.sm 48

final date： [0, 0, 0, 0, 3, 7, 7, 13, 10, 3, 14, 10, 8, 10, 18, 6, 6, 27, 8, 11, 27, 18, 15, 23, 24, 37, 21, 29, 28, 45, 28, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j3015\_5.sm 58

8 -0.2304248809814453 62 6.896551724137931 0

16 -0.4404428005218506 60 3.4482758620689653 0

24 -0.7077500820159912 60 3.4482758620689653 0

32 -0.9310293197631836 60 3.4482758620689653 0

40 -1.182403326034546 59 1.7241379310344827 0

48 -1.3861839771270752 59 1.7241379310344827 0

56 -1.6086218357086182 59 1.7241379310344827 0

64 -1.8475594520568848 59 1.7241379310344827 0

72 -2.176877737045288 59 1.7241379310344827 0

80 -2.5056562423706055 59 1.7241379310344827 0

88 -2.728097915649414 59 1.7241379310344827 0

96 -2.9475135803222656 59 1.7241379310344827 0

104 -3.2114148139953613 59 1.7241379310344827 0

112 -3.4946932792663574 59 1.7241379310344827 0

120 -3.736011505126953 59 1.7241379310344827 0

128 -3.9544262886047363 59 1.7241379310344827 0

136 -4.1838178634643555 59 1.7241379310344827 0

144 -4.401628255844116 59 1.7241379310344827 0

152 -4.671907186508179 59 1.7241379310344827 0

160 -4.910229921340942 59 1.7241379310344827 0

168 -5.129643440246582 59 1.7241379310344827 0

176 -5.35304594039917 59 1.7241379310344827 0

184 -5.6169514656066895 59 1.7241379310344827 0

192 -5.8283851146698 59 1.7241379310344827 0

200 -6.045956611633301 59 1.7241379310344827 0

208 -6.279270887374878 59 1.7241379310344827 0

216 -6.512646675109863 59 1.7241379310344827 0

224 -6.740077257156372 59 1.7241379310344827 0

232 -6.9913647174835205 59 1.7241379310344827 0

240 -7.212772846221924 59 1.7241379310344827 0

248 -7.446143388748169 59 1.7241379310344827 0

256 -7.661632061004639 59 1.7241379310344827 0

264 -7.875103712081909 59 1.7241379310344827 0

272 -8.096510171890259 59 1.7241379310344827 0

280 -8.400660037994385 59 1.7241379310344827 0

6 23 62

288 -10.967114448547363 59 1.7241379310344827 0

23 25 59

296 -13.059133529663086 59 1.7241379310344827 0

24 30 59

304 -15.20272183418274 59 1.7241379310344827 0

9 14 59

312 -17.323484420776367 59 1.7241379310344827 0

8 30 59

320 -19.392637729644775 59 1.7241379310344827 0

18 25 59

328 -21.559086799621582 59 1.7241379310344827 0

23 28 59

336 -23.65625762939453 59 1.7241379310344827 0

11 14 59

344 -25.874223232269287 59 1.7241379310344827 0

16 23 59

352 -28.123879432678223 59 1.7241379310344827 0

15 19 59

360 -30.793694257736206 59 1.7241379310344827 0

7 26 59

368 -33.158748388290405 59 1.7241379310344827 0

8 28 59

376 -35.383455753326416 59 1.7241379310344827 0

13 26 59

384 -37.73804831504822 59 1.7241379310344827 0

7 24 59

392 -39.847450971603394 59 1.7241379310344827 0

7 22 59

400 -42.14756464958191 59 1.7241379310344827 0

13 23 59

408 -44.459954500198364 59 1.7241379310344827 0

9 13 59

416 -46.64390468597412 59 1.7241379310344827 0

27 30 59

424 -48.82129406929016 59 1.7241379310344827 0

11 20 59

432 -51.13222098350525 59 1.7241379310344827 0

7 15 59

440 -53.47707986831665 59 1.7241379310344827 0

7 9 59

448 -55.52194619178772 59 1.7241379310344827 0

9 23 59

456 -57.62845206260681 59 1.7241379310344827 0

7 25 59

464 -59.70481324195862 59 1.7241379310344827 0

6 10 59

472 -61.85910201072693 59 1.7241379310344827 0

5 9 59

480 -63.90910458564758 59 1.7241379310344827 0

20 29 59

488 -65.93810963630676 59 1.7241379310344827 0

15 21 59

496 -68.00669717788696 59 1.7241379310344827 0

18 28 59

504 -70.12818479537964 59 1.7241379310344827 0

12 25 59

512 -72.4201979637146 59 1.7241379310344827 0

12 15 59

520 -74.45495295524597 59 1.7241379310344827 0

9 18 59

528 -76.6486120223999 59 1.7241379310344827 0

21 23 59

536 -78.70296382904053 59 1.7241379310344827 0

10 28 59

544 -80.82895231246948 59 1.7241379310344827 0

4 28 59

552 -83.14146256446838 59 1.7241379310344827 0

14 28 59

560 -85.67483592033386 59 1.7241379310344827 0

4 9 59

568 -88.03784728050232 59 1.7241379310344827 0

18 20 59

576 -90.23781633377075 59 1.7241379310344827 0

24 28 59

584 -92.35171127319336 59 1.7241379310344827 0

3 19 59

592 -94.63457322120667 59 1.7241379310344827 0

14 21 59

600 -96.89095211029053 59 1.7241379310344827 0

1 10 59

608 -99.03253769874573 59 1.7241379310344827 0

20 25 59

616 -101.2130618095398 59 1.7241379310344827 0

20 27 59

624 -103.37807655334473 59 1.7241379310344827 0

11 22 59

632 -105.62576842308044 59 1.7241379310344827 0

4 8 59

640 -107.91862630844116 59 1.7241379310344827 0

5 19 59

648 -110.23392868041992 59 1.7241379310344827 0

17 19 59

656 -112.56321501731873 59 1.7241379310344827 0

14 21 59

664 -114.80029439926147 59 1.7241379310344827 0

23 25 59

672 -116.96614027023315 59 1.7241379310344827 0

6 12 59

680 -119.12858581542969 59 1.7241379310344827 0

6 29 59

688 -121.40099740028381 59 1.7241379310344827 0

6 8 59

696 -123.61111211776733 59 1.7241379310344827 0

2 15 59

704 -125.92964696884155 59 1.7241379310344827 0

26 30 59

712 -128.12530851364136 59 1.7241379310344827 0

25 30 59

720 -130.34112787246704 59 1.7241379310344827 0

3 15 59

728 -132.48531794548035 59 1.7241379310344827 0

24 26 59

736 -134.727303981781 59 1.7241379310344827 0

2 28 58

yes 58

746 -137.20645117759705 58 0.0 0

final date： [0, 0, 0, 0, 6, 8, 15, 6, 16, 23, 22, 15, 32, 32, 16, 38, 24, 30, 24, 24, 37, 36, 21, 36, 35, 33, 46, 40, 55, 49, 49, 58]

finalduration： 58 opm 58 deviation 0.0 % time 137.23 s

j3015\_6.sm 67

final date： [0, 0, 0, 0, 6, 6, 6, 4, 13, 6, 21, 21, 31, 29, 36, 13, 35, 4, 49, 17, 13, 41, 43, 46, 8, 26, 55, 26, 53, 63, 53, 67]

finalduration： 67 opm 67 deviation 0.0 % time 0.01 s

j3015\_7.sm 47

final date： [0, 0, 0, 0, 11, 9, 6, 2, 2, 6, 15, 16, 27, 16, 16, 17, 21, 30, 20, 20, 25, 15, 29, 35, 40, 32, 40, 40, 43, 43, 43, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j3015\_8.sm 50

8 -0.17349767684936523 50 0.0 0

final date： [0, 29, 0, 0, 1, 8, 10, 1, 10, 17, 19, 8, 21, 8, 14, 11, 29, 22, 17, 24, 31, 26, 21, 34, 27, 36, 40, 44, 44, 49, 37, 50]

finalduration： 50 opm 50 deviation 0.0 % time 0.2 s

j3015\_9.sm 54

final date： [0, 0, 0, 0, 6, 27, 11, 6, 13, 16, 11, 19, 11, 25, 17, 8, 17, 36, 21, 19, 30, 21, 21, 26, 29, 29, 39, 44, 38, 36, 46, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j3016\_1.sm 51

final date： [0, 0, 0, 0, 8, 2, 18, 18, 18, 22, 1, 8, 1, 19, 26, 7, 31, 30, 11, 26, 30, 26, 8, 38, 41, 19, 37, 41, 23, 42, 49, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3016\_10.sm 51

final date： [0, 0, 0, 0, 4, 6, 16, 6, 6, 19, 7, 10, 8, 10, 11, 10, 14, 21, 18, 29, 16, 7, 19, 22, 36, 18, 16, 19, 29, 42, 25, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3016\_2.sm 48

final date： [0, 0, 0, 0, 5, 5, 9, 9, 10, 18, 18, 28, 5, 27, 10, 9, 28, 17, 14, 12, 33, 28, 20, 30, 41, 28, 37, 18, 44, 28, 33, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j3016\_3.sm 36

final date： [0, 0, 0, 0, 1, 5, 5, 8, 11, 8, 5, 8, 11, 5, 9, 11, 19, 12, 1, 11, 15, 18, 5, 11, 22, 21, 22, 19, 23, 29, 29, 36]

finalduration： 36 opm 36 deviation 0.0 % time 0.01 s

j3016\_4.sm 47

final date： [0, 0, 0, 0, 4, 1, 4, 6, 6, 6, 7, 1, 8, 7, 7, 14, 9, 21, 13, 8, 12, 20, 16, 9, 21, 24, 34, 25, 16, 34, 38, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j3016\_5.sm 51

final date： [0, 0, 0, 0, 7, 8, 8, 9, 9, 13, 7, 9, 19, 8, 15, 1, 25, 23, 10, 35, 11, 25, 13, 16, 23, 23, 29, 30, 42, 33, 29, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3016\_6.sm 51

final date： [0, 0, 0, 0, 7, 13, 13, 9, 13, 15, 7, 17, 16, 9, 7, 21, 9, 17, 20, 16, 14, 24, 32, 24, 14, 32, 14, 39, 33, 44, 18, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3016\_7.sm 34

final date： [0, 0, 0, 0, 2, 3, 9, 2, 3, 10, 13, 9, 15, 5, 3, 15, 2, 5, 25, 12, 19, 18, 11, 23, 25, 20, 27, 26, 33, 20, 29, 34]

finalduration： 34 opm 34 deviation 0.0 % time 0.01 s

j3016\_8.sm 44

final date： [0, 0, 0, 0, 1, 1, 2, 1, 2, 11, 11, 2, 2, 2, 4, 11, 14, 14, 14, 19, 18, 11, 24, 19, 17, 25, 4, 30, 24, 26, 40, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.01 s

j3016\_9.sm 44

final date： [0, 0, 0, 0, 5, 6, 5, 5, 12, 4, 7, 16, 6, 8, 16, 26, 6, 26, 28, 30, 35, 13, 35, 7, 11, 38, 12, 30, 40, 40, 26, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.01 s

j3017\_1.sm 64

8 -0.24189257621765137 66 3.125 0

16 -0.502202033996582 66 3.125 0

24 -0.7615418434143066 66 3.125 0

32 -1.0277962684631348 66 3.125 0

40 -1.306091547012329 66 3.125 0

48 -1.545412302017212 66 3.125 0

56 -1.7748374938964844 66 3.125 0

64 -2.02313494682312 66 3.125 0

72 -2.325880527496338 66 3.125 0

80 -2.5749332904815674 66 3.125 0

88 -2.8481979370117188 66 3.125 0

96 -3.127580404281616 66 3.125 0

104 -3.4056200981140137 66 3.125 0

112 -3.638742446899414 66 3.125 0

120 -3.877068281173706 66 3.125 0

128 -4.130430459976196 66 3.125 0

136 -4.3996710777282715 66 3.125 0

144 -4.7218101024627686 66 3.125 0

152 -4.990128755569458 66 3.125 0

160 -5.2857654094696045 66 3.125 0

168 -5.538083791732788 66 3.125 0

176 -5.7854163646698 64 0.0 0

final date： [0, 3, 12, 0, 18, 5, 26, 29, 20, 35, 33, 12, 14, 36, 8, 21, 21, 45, 35, 13, 30, 45, 41, 54, 58, 51, 47, 55, 62, 63, 48, 64]

finalduration： 64 opm 64 deviation 0.0 % time 5.81 s

j3017\_10.sm 66

final date： [0, 0, 0, 0, 21, 9, 33, 12, 51, 24, 38, 5, 22, 32, 21, 10, 48, 46, 24, 16, 24, 33, 37, 45, 34, 53, 40, 49, 56, 56, 56, 66]

finalduration： 66 opm 66 deviation 0.0 % time 0.01 s

j3017\_2.sm 68

final date： [0, 0, 0, 0, 7, 14, 14, 22, 7, 31, 31, 15, 22, 13, 22, 30, 21, 13, 45, 26, 55, 33, 7, 30, 36, 61, 45, 55, 58, 65, 38, 68]

finalduration： 68 opm 68 deviation 0.0 % time 0.01 s

j3017\_3.sm 60

final date： [0, 0, 0, 0, 7, 17, 22, 17, 22, 27, 22, 17, 17, 21, 30, 35, 31, 24, 40, 36, 42, 27, 36, 42, 45, 42, 40, 40, 45, 52, 53, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3017\_4.sm 49

8 -0.18949270248413086 49 0.0 0

final date： [0, 0, 0, 0, 8, 16, 2, 7, 16, 19, 11, 19, 19, 28, 8, 20, 20, 29, 26, 11, 22, 28, 11, 40, 39, 32, 31, 39, 40, 47, 47, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.21 s

j3017\_5.sm 47

8 -0.1675417423248291 48 2.127659574468085 0

16 -0.37797975540161133 48 2.127659574468085 0

24 -0.5724594593048096 48 2.127659574468085 0

32 -0.7479517459869385 48 2.127659574468085 0

40 -0.9374845027923584 48 2.127659574468085 0

48 -1.1429369449615479 48 2.127659574468085 0

56 -1.329439640045166 48 2.127659574468085 0

64 -1.495990514755249 48 2.127659574468085 0

72 -1.661059856414795 48 2.127659574468085 0

80 -1.8864266872406006 48 2.127659574468085 0

88 -2.0452756881713867 48 2.127659574468085 0

96 -2.2108352184295654 48 2.127659574468085 0

104 -2.3843820095062256 48 2.127659574468085 0

112 -2.5608980655670166 48 2.127659574468085 0

120 -2.7290594577789307 48 2.127659574468085 0

128 -2.915564775466919 48 2.127659574468085 0

136 -3.0877442359924316 48 2.127659574468085 0

144 -3.2692196369171143 48 2.127659574468085 0

152 -3.505627155303955 48 2.127659574468085 0

160 -3.7020087242126465 48 2.127659574468085 0

168 -3.9154369831085205 48 2.127659574468085 0

176 -4.103896856307983 48 2.127659574468085 0

184 -4.280461311340332 48 2.127659574468085 0

192 -4.457607984542847 48 2.127659574468085 0

200 -4.647102117538452 48 2.127659574468085 0

208 -4.850558042526245 48 2.127659574468085 0

216 -5.049429416656494 48 2.127659574468085 0

224 -5.233896970748901 48 2.127659574468085 0

232 -5.4433753490448 48 2.127659574468085 0

240 -5.646794557571411 48 2.127659574468085 0

7 10 48

248 -7.411272764205933 48 2.127659574468085 0

2 5 48

256 -9.110593557357788 48 2.127659574468085 0

28 30 48

264 -10.81568956375122 48 2.127659574468085 0

7 14 48

272 -12.736140012741089 47 0.0 0

final date： [0, 3, 0, 0, 5, 6, 13, 1, 5, 23, 25, 1, 3, 6, 29, 22, 13, 5, 23, 13, 13, 23, 29, 32, 25, 38, 31, 40, 40, 40, 44, 47]

finalduration： 47 opm 47 deviation 0.0 % time 12.76 s

j3017\_6.sm 63

final date： [0, 0, 0, 0, 3, 4, 10, 4, 3, 10, 14, 21, 21, 14, 14, 23, 10, 21, 24, 33, 4, 32, 23, 33, 42, 33, 41, 45, 61, 53, 52, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3017\_7.sm 57

8 -0.23238062858581543 59 3.508771929824561 0

16 -0.4298551082611084 59 3.508771929824561 0

24 -0.6303157806396484 59 3.508771929824561 0

32 -0.8254318237304688 59 3.508771929824561 0

40 -1.0278263092041016 59 3.508771929824561 0

48 -1.3056519031524658 59 3.508771929824561 0

56 -1.5689418315887451 59 3.508771929824561 0

64 -1.7694051265716553 59 3.508771929824561 0

72 -1.968871831893921 59 3.508771929824561 0

80 -2.1603596210479736 57 0.0 0

final date： [0, 0, 0, 0, 9, 1, 9, 9, 9, 19, 26, 22, 16, 16, 29, 9, 23, 29, 23, 36, 36, 29, 9, 41, 34, 37, 32, 39, 49, 40, 47, 57]

finalduration： 57 opm 57 deviation 0.0 % time 2.18 s

j3017\_8.sm 61

8 -0.1981339454650879 61 0.0 0

final date： [0, 0, 0, 0, 1, 5, 8, 15, 27, 18, 17, 8, 8, 10, 33, 17, 10, 23, 23, 23, 32, 31, 31, 42, 44, 42, 44, 38, 52, 47, 47, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.22 s

j3017\_9.sm 48

8 -0.18151402473449707 49 2.083333333333333 0

16 -0.3749573230743408 49 2.083333333333333 0

24 -0.563490629196167 49 2.083333333333333 0

32 -0.7220661640167236 49 2.083333333333333 0

40 -0.9544463157653809 49 2.083333333333333 0

48 -1.1967582702636719 48 0.0 0

final date： [0, 0, 0, 0, 3, 9, 3, 7, 16, 9, 16, 16, 23, 31, 12, 16, 25, 27, 32, 22, 11, 7, 25, 32, 33, 36, 43, 36, 44, 34, 37, 48]

finalduration： 48 opm 48 deviation 0.0 % time 1.22 s

j3018\_1.sm 53

final date： [0, 0, 0, 0, 8, 17, 9, 4, 8, 8, 24, 14, 14, 24, 17, 17, 22, 17, 24, 25, 22, 31, 24, 24, 34, 34, 42, 42, 33, 40, 52, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3018\_10.sm 49

final date： [0, 0, 0, 0, 3, 1, 1, 9, 5, 11, 14, 11, 22, 14, 5, 23, 23, 14, 26, 23, 11, 19, 25, 31, 30, 30, 22, 37, 37, 47, 37, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.01 s

j3018\_2.sm 55

8 -0.18047142028808594 61 10.909090909090908 0

16 -0.3832268714904785 55 0.0 0

final date： [0, 0, 0, 0, 3, 9, 7, 9, 7, 15, 13, 24, 19, 7, 12, 25, 25, 25, 33, 21, 33, 23, 32, 23, 32, 38, 43, 43, 51, 51, 34, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.4 s

j3018\_3.sm 56

final date： [0, 0, 0, 0, 5, 1, 1, 10, 10, 13, 21, 6, 33, 27, 6, 1, 27, 11, 28, 14, 24, 38, 18, 35, 38, 41, 41, 48, 51, 48, 26, 56]

finalduration： 56 opm 56 deviation 0.0 % time 0.01 s

j3018\_4.sm 70

8 -0.23406171798706055 70 0.0 0

final date： [0, 0, 3, 0, 19, 11, 3, 20, 26, 12, 20, 26, 7, 27, 11, 20, 28, 26, 20, 33, 41, 36, 36, 26, 40, 49, 42, 52, 58, 49, 61, 70]

finalduration： 70 opm 70 deviation 0.0 % time 0.26 s

j3018\_5.sm 52

final date： [0, 0, 0, 0, 2, 2, 4, 6, 9, 9, 16, 17, 2, 18, 4, 13, 4, 14, 27, 18, 29, 18, 29, 24, 22, 39, 37, 37, 45, 43, 47, 52]

finalduration： 52 opm 52 deviation 0.0 % time 0.01 s

j3018\_6.sm 62

final date： [0, 0, 0, 0, 10, 2, 6, 18, 16, 26, 6, 8, 10, 33, 10, 18, 24, 18, 18, 26, 33, 10, 28, 35, 36, 46, 41, 55, 61, 55, 44, 62]

finalduration： 62 opm 62 deviation 0.0 % time 0.01 s

j3018\_7.sm 48

8 -0.16257023811340332 48 0.0 0

final date： [0, 7, 2, 0, 12, 16, 10, 17, 19, 17, 27, 14, 19, 21, 27, 34, 21, 28, 28, 39, 5, 10, 18, 42, 36, 35, 35, 36, 44, 46, 41, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.18 s

j3018\_8.sm 52

final date： [0, 0, 0, 0, 2, 4, 4, 6, 4, 13, 13, 8, 18, 6, 14, 13, 22, 3, 18, 10, 16, 25, 25, 24, 19, 27, 28, 32, 28, 42, 42, 52]

finalduration： 52 opm 52 deviation 0.0 % time 0.01 s

j3018\_9.sm 47

8 -0.16957449913024902 47 0.0 0

final date： [0, 8, 7, 0, 10, 27, 16, 13, 10, 12, 13, 16, 34, 27, 19, 15, 43, 30, 18, 17, 26, 26, 44, 35, 29, 28, 37, 35, 46, 44, 44, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.19 s

j3019\_1.sm 40

final date： [0, 0, 6, 0, 5, 6, 6, 6, 7, 10, 13, 17, 10, 6, 18, 13, 17, 17, 17, 22, 20, 23, 24, 28, 29, 29, 20, 29, 34, 30, 29, 40]

finalduration： 40 opm 40 deviation 0.0 % time 0.01 s

j3019\_10.sm 47

final date： [0, 0, 0, 0, 1, 7, 7, 7, 16, 11, 9, 18, 28, 7, 34, 12, 18, 18, 28, 17, 11, 12, 17, 28, 38, 41, 28, 38, 34, 42, 45, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j3019\_2.sm 58

final date： [0, 0, 0, 0, 5, 5, 5, 6, 11, 12, 20, 16, 16, 16, 12, 25, 6, 34, 15, 24, 34, 15, 34, 22, 40, 30, 30, 40, 35, 48, 48, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.02 s

j3019\_3.sm 83

final date： [0, 0, 0, 0, 6, 17, 6, 10, 9, 17, 15, 27, 27, 22, 37, 27, 6, 25, 46, 44, 44, 54, 54, 37, 41, 25, 60, 67, 76, 63, 60, 83]

finalduration： 83 opm 83 deviation 0.0 % time 0.01 s

j3019\_4.sm 39

8 -0.2005000114440918 39 0.0 0

final date： [0, 0, 0, 0, 10, 1, 4, 13, 13, 19, 10, 18, 4, 19, 19, 23, 18, 4, 19, 28, 18, 27, 27, 22, 19, 19, 29, 24, 37, 34, 37, 39]

finalduration： 39 opm 39 deviation 0.0 % time 0.22 s

j3019\_5.sm 48

final date： [0, 0, 0, 0, 4, 13, 10, 12, 5, 10, 13, 12, 21, 21, 15, 27, 24, 22, 13, 23, 24, 21, 27, 19, 29, 29, 34, 33, 34, 39, 34, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j3019\_6.sm 49

final date： [0, 0, 0, 0, 3, 13, 3, 23, 13, 5, 8, 13, 2, 18, 11, 23, 16, 16, 24, 23, 3, 25, 20, 23, 26, 33, 24, 36, 41, 41, 38, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.01 s

j3019\_7.sm 57

final date： [0, 0, 7, 0, 10, 14, 15, 17, 25, 7, 7, 10, 22, 17, 14, 28, 14, 23, 27, 37, 22, 28, 27, 28, 28, 37, 37, 25, 32, 47, 48, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3019\_8.sm 55

final date： [0, 8, 0, 0, 5, 2, 8, 5, 23, 13, 22, 7, 18, 15, 9, 5, 8, 25, 25, 13, 27, 37, 23, 30, 26, 26, 39, 28, 49, 41, 34, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j3019\_9.sm 38

final date： [0, 0, 15, 0, 3, 12, 16, 16, 16, 7, 7, 3, 24, 23, 27, 25, 15, 24, 15, 23, 25, 29, 22, 31, 24, 34, 27, 25, 37, 34, 37, 38]

finalduration： 38 opm 38 deviation 0.0 % time 0.01 s

j301\_1.sm 43

8 -0.20341944694519043 49 13.953488372093023 0

16 -0.3879234790802002 49 13.953488372093023 0

24 -0.5984373092651367 48 11.627906976744185 0

32 -0.7999002933502197 43 0.0 0

final date： [0, 8, 0, 0, 10, 31, 8, 4, 6, 6, 16, 13, 4, 15, 16, 13, 23, 10, 13, 25, 29, 29, 36, 38, 32, 25, 15, 32, 18, 41, 35, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.83 s

j301\_10.sm 45

final date： [0, 0, 0, 0, 4, 27, 4, 5, 14, 17, 10, 17, 18, 18, 22, 18, 27, 10, 22, 4, 20, 3, 20, 31, 28, 31, 34, 34, 38, 33, 44, 45]

finalduration： 45 opm 45 deviation 0.0 % time 0.01 s

j301\_2.sm 47

8 -0.2732713222503662 48 2.127659574468085 0

16 -0.44780397415161133 48 2.127659574468085 0

24 -0.60994553565979 48 2.127659574468085 0

32 -0.7914597988128662 48 2.127659574468085 0

40 -0.9669535160064697 48 2.127659574468085 0

48 -1.259868860244751 48 2.127659574468085 0

56 -1.42547607421875 48 2.127659574468085 0

64 -1.599996566772461 48 2.127659574468085 0

72 -1.7855021953582764 48 2.127659574468085 0

80 -1.9739985466003418 48 2.127659574468085 0

88 -2.140232801437378 48 2.127659574468085 0

96 -2.3167996406555176 48 2.127659574468085 0

104 -2.585615873336792 48 2.127659574468085 0

112 -2.776386022567749 48 2.127659574468085 0

120 -2.9565813541412354 48 2.127659574468085 0

128 -3.1291496753692627 48 2.127659574468085 0

136 -3.295663356781006 48 2.127659574468085 0

144 -3.4751851558685303 48 2.127659574468085 0

152 -3.6780033111572266 48 2.127659574468085 0

160 -3.8994040489196777 48 2.127659574468085 0

168 -4.110775470733643 48 2.127659574468085 0

176 -4.296000719070435 48 2.127659574468085 0

184 -4.485156297683716 48 2.127659574468085 0

192 -4.722559928894043 48 2.127659574468085 0

200 -4.895097970962524 48 2.127659574468085 0

208 -5.08555269241333 48 2.127659574468085 0

216 -5.292255878448486 47 0.0 0

final date： [0, 0, 0, 0, 10, 11, 7, 13, 10, 2, 13, 7, 15, 23, 24, 14, 13, 24, 14, 25, 28, 7, 33, 28, 30, 24, 33, 35, 30, 39, 35, 47]

finalduration： 47 opm 47 deviation 0.0 % time 5.32 s

j301\_3.sm 47

final date： [0, 22, 4, 0, 16, 5, 1, 6, 5, 23, 13, 26, 38, 25, 28, 30, 21, 11, 35, 26, 21, 36, 29, 23, 40, 44, 27, 28, 46, 45, 38, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j301\_4.sm 62

8 -0.255277156829834 62 0.0 0

final date： [0, 0, 25, 0, 10, 3, 9, 17, 24, 24, 40, 34, 18, 3, 9, 33, 44, 28, 12, 43, 34, 24, 35, 24, 38, 33, 17, 40, 52, 52, 44, 62]

finalduration： 62 opm 62 deviation 0.0 % time 0.28 s

j301\_5.sm 39

8 -0.1346759796142578 39 0.0 0

final date： [0, 5, 0, 0, 4, 5, 10, 4, 12, 7, 14, 16, 20, 5, 11, 11, 13, 14, 17, 20, 17, 21, 21, 29, 20, 28, 7, 36, 30, 37, 30, 39]

finalduration： 39 opm 39 deviation 0.0 % time 0.15 s

j301\_6.sm 48

8 -0.18351197242736816 49 2.083333333333333 0

16 -0.36399030685424805 48 0.0 0

final date： [0, 0, 10, 0, 10, 9, 16, 10, 23, 11, 11, 11, 13, 23, 13, 17, 16, 28, 18, 38, 13, 21, 13, 27, 23, 41, 19, 23, 47, 28, 38, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.39 s

j301\_7.sm 60

final date： [0, 0, 0, 0, 2, 3, 8, 19, 18, 10, 6, 18, 6, 10, 31, 21, 29, 3, 37, 34, 29, 29, 30, 9, 39, 34, 44, 44, 45, 52, 49, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j301\_8.sm 53

final date： [0, 5, 3, 0, 8, 17, 37, 6, 20, 6, 30, 23, 35, 10, 35, 20, 13, 25, 17, 20, 35, 43, 40, 41, 25, 35, 44, 36, 45, 44, 43, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j301\_9.sm 49

8 -0.1825089454650879 50 2.0408163265306123 0

16 -0.36996960639953613 50 2.0408163265306123 0

24 -0.5535202026367188 50 2.0408163265306123 0

32 -0.7349953651428223 50 2.0408163265306123 0

40 -0.9297974109649658 49 0.0 0

final date： [0, 0, 5, 1, 8, 16, 5, 11, 18, 6, 34, 29, 20, 31, 16, 32, 32, 23, 25, 8, 23, 29, 41, 23, 35, 39, 39, 40, 48, 45, 47, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.95 s

j3020\_1.sm 57

final date： [0, 0, 0, 0, 8, 8, 15, 7, 15, 8, 15, 8, 20, 20, 8, 18, 23, 32, 32, 23, 37, 46, 37, 14, 22, 23, 32, 26, 51, 40, 34, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3020\_10.sm 37

final date： [0, 0, 0, 0, 9, 3, 9, 9, 10, 14, 15, 10, 14, 8, 14, 19, 14, 24, 24, 28, 24, 12, 24, 32, 25, 32, 12, 25, 32, 36, 33, 37]

finalduration： 37 opm 37 deviation 0.0 % time 0.01 s

j3020\_2.sm 70

final date： [0, 0, 0, 0, 6, 13, 6, 9, 9, 9, 19, 13, 27, 35, 27, 27, 20, 37, 43, 40, 6, 51, 43, 40, 37, 52, 42, 56, 63, 58, 48, 70]

finalduration： 70 opm 70 deviation 0.0 % time 0.01 s

j3020\_3.sm 49

final date： [0, 0, 0, 0, 7, 3, 7, 8, 10, 7, 3, 13, 19, 10, 19, 19, 24, 24, 24, 17, 26, 31, 29, 39, 26, 27, 10, 38, 35, 12, 42, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.01 s

j3020\_4.sm 43

final date： [0, 0, 0, 0, 3, 9, 3, 13, 9, 16, 9, 9, 13, 14, 14, 14, 9, 6, 12, 23, 25, 23, 27, 25, 21, 29, 27, 25, 36, 34, 36, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.01 s

j3020\_5.sm 61

final date： [0, 0, 0, 0, 4, 11, 4, 11, 2, 11, 2, 13, 13, 13, 17, 13, 19, 23, 19, 19, 28, 22, 19, 27, 4, 37, 45, 47, 57, 31, 57, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.01 s

j3020\_6.sm 51

final date： [0, 0, 0, 0, 5, 8, 14, 8, 5, 8, 8, 18, 20, 20, 15, 30, 31, 23, 30, 36, 15, 14, 31, 41, 20, 31, 5, 41, 23, 36, 43, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3020\_7.sm 42

final date： [0, 0, 0, 0, 6, 11, 11, 3, 9, 19, 12, 17, 6, 14, 9, 15, 21, 23, 21, 14, 22, 24, 11, 24, 21, 29, 31, 31, 36, 41, 27, 42]

finalduration： 42 opm 42 deviation 0.0 % time 0.01 s

j3020\_8.sm 51

final date： [0, 0, 0, 0, 6, 2, 9, 2, 9, 16, 11, 14, 24, 13, 17, 24, 15, 2, 8, 20, 14, 20, 23, 24, 22, 25, 35, 44, 30, 31, 49, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3020\_9.sm 41

final date： [0, 0, 0, 0, 4, 1, 8, 4, 10, 4, 4, 4, 8, 11, 12, 10, 13, 12, 22, 31, 22, 12, 31, 11, 34, 22, 22, 19, 40, 38, 31, 41]

finalduration： 41 opm 41 deviation 0.0 % time 0.01 s

j3021\_1.sm 84

8 -0.2783067226409912 91 8.333333333333332 0

16 -0.6582417488098145 89 5.952380952380952 0

24 -0.9619457721710205 87 3.571428571428571 0

32 -1.279710054397583 87 3.571428571428571 0

40 -1.5759608745574951 87 3.571428571428571 0

48 -1.9619247913360596 86 2.380952380952381 0

56 -2.2746903896331787 86 2.380952380952381 0

64 -2.599865198135376 86 2.380952380952381 0

72 -2.937561511993408 86 2.380952380952381 0

80 -3.266679048538208 86 2.380952380952381 0

88 -3.578883171081543 86 2.380952380952381 0

96 -3.9071104526519775 86 2.380952380952381 0

104 -4.2082672119140625 86 2.380952380952381 0

112 -4.5264506340026855 86 2.380952380952381 0

120 -4.903447389602661 86 2.380952380952381 0

128 -5.20962929725647 86 2.380952380952381 0

136 -5.529025077819824 85 1.1904761904761905 0

144 -5.863047361373901 85 1.1904761904761905 0

152 -6.193165063858032 85 1.1904761904761905 0

160 -6.4675164222717285 85 1.1904761904761905 0

168 -6.774861097335815 85 1.1904761904761905 0

176 -7.128875017166138 85 1.1904761904761905 0

184 -7.474850177764893 85 1.1904761904761905 0

192 -7.800009250640869 85 1.1904761904761905 0

200 -8.134701013565063 85 1.1904761904761905 0

208 -8.493741512298584 85 1.1904761904761905 0

216 -8.877418279647827 85 1.1904761904761905 0

224 -9.192613363265991 85 1.1904761904761905 0

232 -9.513756513595581 84 0.0 0

final date： [0, 0, 12, 0, 5, 15, 25, 12, 43, 5, 26, 33, 31, 2, 25, 26, 35, 51, 35, 54, 31, 41, 43, 57, 57, 60, 51, 71, 83, 66, 73, 84]

finalduration： 84 opm 84 deviation 0.0 % time 9.54 s

j3021\_10.sm 69

8 -0.2609565258026123 75 8.695652173913043 0

16 -0.5062947273254395 72 4.3478260869565215 0

24 -0.7640173435211182 72 4.3478260869565215 0

32 -1.035292387008667 72 4.3478260869565215 0

40 -1.2837326526641846 72 4.3478260869565215 0

48 -1.5300261974334717 72 4.3478260869565215 0

56 -1.7743728160858154 72 4.3478260869565215 0

64 -2.0117387771606445 72 4.3478260869565215 0

72 -2.263378381729126 72 4.3478260869565215 0

80 -2.550854206085205 72 4.3478260869565215 0

88 -2.8480567932128906 72 4.3478260869565215 0

96 -3.1542410850524902 72 4.3478260869565215 0

104 -3.4551658630371094 72 4.3478260869565215 0

112 -3.7484219074249268 72 4.3478260869565215 0

120 -4.052606582641602 72 4.3478260869565215 0

128 -4.3667285442352295 72 4.3478260869565215 0

136 -4.623075246810913 72 4.3478260869565215 0

144 -4.8883702754974365 72 4.3478260869565215 0

152 -5.209949493408203 72 4.3478260869565215 0

160 -5.478192329406738 72 4.3478260869565215 0

168 -5.730518579483032 72 4.3478260869565215 0

176 -5.987828254699707 72 4.3478260869565215 0

184 -6.235585451126099 72 4.3478260869565215 0

192 -6.497498512268066 72 4.3478260869565215 0

200 -6.741667747497559 70 1.4492753623188406 0

208 -6.973049879074097 70 1.4492753623188406 0

216 -7.229408502578735 70 1.4492753623188406 0

224 -7.493658065795898 70 1.4492753623188406 0

232 -7.755375862121582 70 1.4492753623188406 0

240 -8.012685775756836 70 1.4492753623188406 0

248 -8.278726816177368 70 1.4492753623188406 0

256 -8.572979927062988 70 1.4492753623188406 0

264 -8.816330909729004 70 1.4492753623188406 0

272 -9.123506784439087 70 1.4492753623188406 0

280 -9.44620418548584 70 1.4492753623188406 0

288 -9.76834225654602 70 1.4492753623188406 0

296 -10.118406057357788 70 1.4492753623188406 0

304 -10.421595335006714 70 1.4492753623188406 0

312 -10.803963661193848 70 1.4492753623188406 0

320 -11.146127223968506 70 1.4492753623188406 0

328 -11.488717555999756 70 1.4492753623188406 0

336 -11.814391136169434 70 1.4492753623188406 0

344 -12.157473802566528 70 1.4492753623188406 0

352 -12.52654218673706 70 1.4492753623188406 0

360 -13.131163597106934 70 1.4492753623188406 0

368 -13.51269817352295 70 1.4492753623188406 0

376 -13.886699676513672 70 1.4492753623188406 0

384 -14.198533058166504 70 1.4492753623188406 0

392 -14.508742094039917 70 1.4492753623188406 0

400 -14.7530517578125 70 1.4492753623188406 0

408 -15.01139760017395 70 1.4492753623188406 0

416 -15.264325618743896 70 1.4492753623188406 0

424 -15.522593021392822 70 1.4492753623188406 0

432 -15.760659217834473 70 1.4492753623188406 0

440 -16.03597402572632 70 1.4492753623188406 0

9 22 72

448 -18.36048460006714 70 1.4492753623188406 0

3 8 70

456 -20.458977222442627 70 1.4492753623188406 0

23 29 70

464 -22.686078310012817 70 1.4492753623188406 0

27 29 70

472 -24.84499168395996 70 1.4492753623188406 0

2 15 70

480 -26.8844256401062 70 1.4492753623188406 0

17 20 70

488 -28.995572805404663 70 1.4492753623188406 0

10 28 70

496 -31.187381982803345 70 1.4492753623188406 0

17 30 70

504 -33.495097637176514 70 1.4492753623188406 0

20 27 70

512 -35.74903869628906 70 1.4492753623188406 0

17 28 70

520 -37.94136333465576 70 1.4492753623188406 0

17 23 70

528 -40.11898469924927 70 1.4492753623188406 0

18 23 70

536 -42.59814238548279 70 1.4492753623188406 0

15 20 70

544 -45.063965797424316 70 1.4492753623188406 0

27 29 70

552 -47.40883445739746 70 1.4492753623188406 0

15 22 70

560 -49.77319049835205 70 1.4492753623188406 0

1 30 70

568 -52.15531778335571 70 1.4492753623188406 0

21 27 70

576 -54.38114523887634 70 1.4492753623188406 0

11 23 70

584 -56.71794891357422 70 1.4492753623188406 0

19 30 70

592 -59.032979249954224 70 1.4492753623188406 0

24 29 70

600 -61.25788903236389 70 1.4492753623188406 0

15 18 70

608 -63.43276286125183 70 1.4492753623188406 0

1 3 70

616 -65.64754152297974 70 1.4492753623188406 0

6 20 70

624 -67.91410803794861 70 1.4492753623188406 0

9 21 70

632 -70.41547799110413 70 1.4492753623188406 0

19 21 70

640 -72.63082766532898 70 1.4492753623188406 0

3 16 70

648 -74.90158581733704 70 1.4492753623188406 0

14 17 70

656 -77.27309536933899 70 1.4492753623188406 0

6 19 70

664 -81.98075795173645 70 1.4492753623188406 0

14 24 70

672 -84.15332269668579 69 0.0 0

final date： [0, 0, 0, 0, 7, 17, 22, 7, 35, 37, 37, 9, 46, 12, 35, 29, 48, 6, 37, 43, 52, 52, 20, 48, 52, 61, 26, 56, 58, 61, 63, 69]

finalduration： 69 opm 69 deviation 0.0 % time 84.18 s

j3021\_2.sm 59

8 -0.23101568222045898 65 10.16949152542373 0

16 -0.4893229007720947 61 3.389830508474576 0

24 -0.8164474964141846 61 3.389830508474576 0

32 -1.0688164234161377 61 3.389830508474576 0

40 -1.341045618057251 61 3.389830508474576 0

48 -1.5659141540527344 61 3.389830508474576 0

56 -1.7857632637023926 61 3.389830508474576 0

64 -2.0032219886779785 61 3.389830508474576 0

72 -2.2252724170684814 61 3.389830508474576 0

80 -2.4601821899414062 61 3.389830508474576 0

88 -2.672614336013794 61 3.389830508474576 0

96 -2.937906503677368 61 3.389830508474576 0

104 -3.192777633666992 61 3.389830508474576 0

112 -3.4591057300567627 61 3.389830508474576 0

120 -3.738278865814209 61 3.389830508474576 0

128 -3.9726521968841553 61 3.389830508474576 0

136 -4.208023548126221 61 3.389830508474576 0

144 -4.455991744995117 61 3.389830508474576 0

152 -4.674369812011719 61 3.389830508474576 0

160 -4.915771007537842 61 3.389830508474576 0

168 -5.231567621231079 61 3.389830508474576 0

176 -5.459958553314209 61 3.389830508474576 0

184 -5.728278875350952 61 3.389830508474576 0

192 -5.9825599193573 61 3.389830508474576 0

200 -6.204615592956543 60 1.694915254237288 0

208 -6.480005502700806 60 1.694915254237288 0

216 -6.681072235107422 60 1.694915254237288 0

224 -6.889052152633667 59 0.0 0

final date： [0, 0, 0, 2, 11, 16, 12, 12, 24, 8, 14, 18, 11, 14, 24, 33, 16, 25, 38, 32, 21, 36, 46, 42, 42, 44, 50, 54, 56, 43, 54, 59]

finalduration： 59 opm 59 deviation 0.0 % time 6.91 s

j3021\_3.sm 76

8 -0.2558877468109131 78 2.631578947368421 0

16 -0.544079065322876 78 2.631578947368421 0

24 -0.8293170928955078 76 0.0 0

final date： [0, 0, 0, 0, 8, 4, 12, 12, 22, 32, 2, 22, 44, 45, 22, 59, 38, 45, 9, 10, 49, 64, 32, 10, 48, 49, 54, 59, 66, 54, 51, 76]

finalduration： 76 opm 76 deviation 0.0 % time 0.86 s

j3021\_4.sm 70

8 -0.23196053504943848 74 5.714285714285714 0

16 -0.48378586769104004 74 5.714285714285714 0

24 -0.740100622177124 71 1.4285714285714286 0

32 -0.9784634113311768 71 1.4285714285714286 0

40 -1.2237701416015625 70 0.0 0

final date： [0, 0, 0, 0, 16, 8, 9, 23, 15, 28, 9, 16, 41, 11, 21, 28, 32, 31, 41, 33, 44, 50, 49, 39, 44, 49, 49, 59, 66, 66, 66, 70]

finalduration： 70 opm 70 deviation 0.0 % time 1.26 s

j3021\_5.sm 55

8 -0.21903443336486816 61 10.909090909090908 0

16 -0.4354543685913086 60 9.090909090909092 0

24 -0.6944124698638916 59 7.2727272727272725 0

32 -0.9690566062927246 59 7.2727272727272725 0

40 -1.1815290451049805 59 7.2727272727272725 0

48 -1.4178578853607178 59 7.2727272727272725 0

56 -1.6333189010620117 59 7.2727272727272725 0

64 -1.8607134819030762 59 7.2727272727272725 0

72 -2.1073286533355713 59 7.2727272727272725 0

80 -2.3490710258483887 59 7.2727272727272725 0

88 -2.579493999481201 59 7.2727272727272725 0

96 -2.820808172225952 59 7.2727272727272725 0

104 -3.050584077835083 59 7.2727272727272725 0

112 -3.2596704959869385 58 5.454545454545454 0

120 -3.494004726409912 58 5.454545454545454 0

128 -3.7084696292877197 58 5.454545454545454 0

136 -3.945798397064209 58 5.454545454545454 0

144 -4.22504997253418 58 5.454545454545454 0

152 -4.45445442199707 58 5.454545454545454 0

160 -4.677433013916016 58 5.454545454545454 0

168 -4.911844968795776 58 5.454545454545454 0

176 -5.148646593093872 58 5.454545454545454 0

184 -5.374007940292358 58 5.454545454545454 0

192 -5.6124067306518555 58 5.454545454545454 0

200 -5.868682622909546 58 5.454545454545454 0

208 -6.101061582565308 58 5.454545454545454 0

216 -6.327702760696411 58 5.454545454545454 0

224 -6.577995538711548 58 5.454545454545454 0

232 -6.844324111938477 58 5.454545454545454 0

240 -7.060704231262207 58 5.454545454545454 0

248 -7.288135051727295 58 5.454545454545454 0

256 -7.520381927490234 58 5.454545454545454 0

264 -7.789028167724609 58 5.454545454545454 0

272 -8.025362491607666 58 5.454545454545454 0

280 -8.26064658164978 58 5.454545454545454 0

288 -8.515598773956299 58 5.454545454545454 0

296 -8.729029893875122 58 5.454545454545454 0

304 -8.98035740852356 58 5.454545454545454 0

312 -9.200406074523926 58 5.454545454545454 0

320 -9.421779870986938 58 5.454545454545454 0

328 -9.68626070022583 58 5.454545454545454 0

336 -9.926652908325195 58 5.454545454545454 0

344 -10.161030292510986 58 5.454545454545454 0

352 -10.391014337539673 58 5.454545454545454 0

21 26 58

360 -12.326428890228271 58 5.454545454545454 0

10 18 58

368 -14.12340784072876 58 5.454545454545454 0

9 19 58

376 -16.175939083099365 58 5.454545454545454 0

13 17 58

384 -18.039395809173584 58 5.454545454545454 0

8 28 58

392 -20.025039672851562 58 5.454545454545454 0

22 27 58

400 -21.967398166656494 58 5.454545454545454 0

16 26 58

408 -23.887529134750366 58 5.454545454545454 0

5 29 57

yes 57

418 -25.843477725982666 57 3.6363636363636362 0

426 -26.071866750717163 57 3.6363636363636362 0

434 -26.306020975112915 57 3.6363636363636362 0

442 -26.577332496643066 57 3.6363636363636362 0

450 -26.826627731323242 57 3.6363636363636362 0

458 -27.06701922416687 57 3.6363636363636362 0

466 -27.33052396774292 57 3.6363636363636362 0

474 -27.613072156906128 57 3.6363636363636362 0

482 -27.85559058189392 57 3.6363636363636362 0

490 -28.087688207626343 57 3.6363636363636362 0

498 -28.341967582702637 57 3.6363636363636362 0

506 -28.587312698364258 57 3.6363636363636362 0

514 -28.831316709518433 57 3.6363636363636362 0

522 -29.081390619277954 57 3.6363636363636362 0

530 -29.323631763458252 57 3.6363636363636362 0

538 -29.609866619110107 57 3.6363636363636362 0

546 -29.8781476020813 57 3.6363636363636362 0

554 -30.14301371574402 57 3.6363636363636362 0

562 -30.378965139389038 57 3.6363636363636362 0

570 -30.62730121612549 57 3.6363636363636362 0

578 -30.883615732192993 57 3.6363636363636362 0

586 -31.120020866394043 57 3.6363636363636362 0

594 -31.34841012954712 57 3.6363636363636362 0

602 -31.577757835388184 57 3.6363636363636362 0

610 -31.83211612701416 57 3.6363636363636362 0

618 -32.10634517669678 57 3.6363636363636362 0

626 -32.3473641872406 57 3.6363636363636362 0

634 -32.62661862373352 57 3.6363636363636362 0

642 -32.86099028587341 57 3.6363636363636362 0

650 -33.126269817352295 57 3.6363636363636362 0

658 -33.341209411621094 57 3.6363636363636362 0

14 30 57

666 -35.3696403503418 57 3.6363636363636362 0

8 21 57

674 -37.36791396141052 57 3.6363636363636362 0

7 17 57

682 -39.34857964515686 57 3.6363636363636362 0

18 21 57

690 -41.26667356491089 57 3.6363636363636362 0

10 14 57

698 -43.203959941864014 57 3.6363636363636362 0

17 30 57

706 -45.22948908805847 57 3.6363636363636362 0

28 30 57

714 -47.12252330780029 57 3.6363636363636362 0

23 28 57

722 -49.558836460113525 57 3.6363636363636362 0

25 30 57

730 -51.569910764694214 57 3.6363636363636362 0

4 23 57

738 -53.590747594833374 57 3.6363636363636362 0

9 22 57

746 -55.615288972854614 57 3.6363636363636362 0

15 17 57

754 -57.628338098526 57 3.6363636363636362 0

1 28 57

762 -59.68043041229248 57 3.6363636363636362 0

18 24 57

770 -61.68970465660095 57 3.6363636363636362 0

21 28 57

778 -63.71744203567505 57 3.6363636363636362 0

18 24 57

786 -65.63781309127808 57 3.6363636363636362 0

18 28 57

794 -67.65527534484863 57 3.6363636363636362 0

4 13 57

802 -69.58996224403381 57 3.6363636363636362 0

5 18 57

810 -71.56646728515625 57 3.6363636363636362 0

25 28 57

818 -73.53366780281067 57 3.6363636363636362 0

7 10 57

826 -75.49701690673828 57 3.6363636363636362 0

10 28 57

834 -77.51825761795044 57 3.6363636363636362 0

16 25 57

842 -79.50372910499573 57 3.6363636363636362 0

26 29 57

850 -81.45683479309082 57 3.6363636363636362 0

13 19 57

858 -83.40430092811584 57 3.6363636363636362 0

8 18 57

866 -85.33959221839905 57 3.6363636363636362 0

10 20 57

874 -87.39304065704346 57 3.6363636363636362 0

1 24 57

882 -89.4246232509613 57 3.6363636363636362 0

19 26 57

890 -92.02486228942871 57 3.6363636363636362 0

9 30 57

898 -94.37703084945679 57 3.6363636363636362 0

19 24 57

906 -96.3742003440857 57 3.6363636363636362 0

4 25 57

914 -98.69613552093506 57 3.6363636363636362 0

14 16 57

922 -100.73903489112854 57 3.6363636363636362 0

28 30 57

930 -102.7672712802887 57 3.6363636363636362 0

3 19 57

938 -104.85634088516235 57 3.6363636363636362 0

5 9 57

946 -106.84426379203796 57 3.6363636363636362 0

20 22 57

954 -109.04461979866028 57 3.6363636363636362 0

11 15 57

962 -110.98601126670837 57 3.6363636363636362 0

26 28 57

970 -113.00175023078918 57 3.6363636363636362 0

3 22 57

978 -115.06175374984741 57 3.6363636363636362 0

14 21 57

986 -117.17249584197998 57 3.6363636363636362 0

9 23 57

994 -119.28293752670288 57 3.6363636363636362 0

17 27 57

1002 -121.33143877983093 57 3.6363636363636362 0

13 20 57

1010 -123.40090703964233 57 3.6363636363636362 0

5 23 57

1018 -125.57890033721924 57 3.6363636363636362 0

12 16 57

1026 -127.52829933166504 57 3.6363636363636362 0

22 29 57

1034 -129.35194492340088 57 3.6363636363636362 0

23 28 57

1042 -131.31267595291138 57 3.6363636363636362 0

21 26 57

1050 -133.10648012161255 57 3.6363636363636362 0

26 30 57

1058 -135.1180863380432 57 3.6363636363636362 0

11 18 57

1066 -137.08536100387573 57 3.6363636363636362 0

3 6 57

1074 -139.20364809036255 57 3.6363636363636362 0

12 16 57

1082 -140.99265813827515 57 3.6363636363636362 0

21 24 57

1090 -142.9545624256134 57 3.6363636363636362 0

4 14 57

1098 -144.98746132850647 57 3.6363636363636362 0

4 7 57

1106 -146.9079773426056 57 3.6363636363636362 0

10 21 57

1114 -148.90694212913513 57 3.6363636363636362 0

20 29 57

1122 -150.8631627559662 57 3.6363636363636362 0

20 29 57

1130 -152.98011088371277 57 3.6363636363636362 0

10 27 57

1138 -154.9082624912262 57 3.6363636363636362 0

4 15 57

1146 -156.8742425441742 57 3.6363636363636362 0

13 20 57

1154 -159.078551530838 57 3.6363636363636362 0

12 19 57

1162 -161.1924421787262 57 3.6363636363636362 0

4 17 57

1170 -163.1112401485443 57 3.6363636363636362 0

4 20 57

1178 -165.15647745132446 57 3.6363636363636362 0

7 27 57

1186 -167.178608417511 57 3.6363636363636362 0

5 17 57

1194 -169.25284028053284 57 3.6363636363636362 0

13 28 57

1202 -171.1347460746765 57 3.6363636363636362 0

9 11 57

1210 -172.93235611915588 57 3.6363636363636362 0

19 29 57

1218 -174.9153962135315 57 3.6363636363636362 0

10 14 57

1226 -176.80501890182495 57 3.6363636363636362 0

2 12 57

1234 -178.87926650047302 57 3.6363636363636362 0

15 21 57

1242 -180.73344707489014 56 1.8181818181818181 0

1250 -181.0146951675415 56 1.8181818181818181 0

1258 -181.28198218345642 55 0.0 0

final date： [0, 0, 0, 0, 3, 3, 9, 10, 21, 6, 26, 25, 33, 11, 27, 27, 33, 11, 41, 7, 21, 41, 37, 45, 25, 37, 47, 42, 47, 49, 48, 55]

finalduration： 55 opm 55 deviation 0.0 % time 181.32 s

j3021\_6.sm 76

8 -0.27127528190612793 77 1.3157894736842104 0

16 -0.5315806865692139 77 1.3157894736842104 0

24 -0.8028533458709717 77 1.3157894736842104 0

32 -1.0651898384094238 77 1.3157894736842104 0

40 -1.3260829448699951 76 0.0 0

final date： [0, 8, 0, 48, 9, 15, 20, 32, 15, 19, 34, 40, 29, 37, 11, 38, 19, 27, 53, 30, 43, 44, 47, 39, 57, 44, 66, 53, 71, 63, 70, 76]

finalduration： 76 opm 76 deviation 0.0 % time 1.35 s

j3021\_7.sm 65

8 -0.2678689956665039 80 23.076923076923077 0

16 -0.5879788398742676 72 10.76923076923077 0

24 -0.8373136520385742 69 6.153846153846154 0

32 -1.087681770324707 69 6.153846153846154 0

40 -1.3449549674987793 69 6.153846153846154 0

48 -1.6242084503173828 69 6.153846153846154 0

56 -1.8705811500549316 69 6.153846153846154 0

64 -2.101963996887207 69 6.153846153846154 0

72 -2.3802196979522705 67 3.076923076923077 0

80 -2.6814141273498535 67 3.076923076923077 0

88 -2.9758083820343018 67 3.076923076923077 0

96 -3.2610459327697754 67 3.076923076923077 0

104 -3.5163614749908447 67 3.076923076923077 0

112 -3.8075826168060303 67 3.076923076923077 0

120 -4.0365612506866455 67 3.076923076923077 0

128 -4.330887794494629 67 3.076923076923077 0

136 -4.631008625030518 67 3.076923076923077 0

144 -4.8897013664245605 67 3.076923076923077 0

152 -5.137040853500366 67 3.076923076923077 0

160 -5.432251453399658 67 3.076923076923077 0

168 -5.7085113525390625 67 3.076923076923077 0

176 -5.96240234375 67 3.076923076923077 0

184 -6.25761079788208 67 3.076923076923077 0

192 -6.5209081172943115 67 3.076923076923077 0

200 -6.787863492965698 67 3.076923076923077 0

208 -7.041805028915405 67 3.076923076923077 0

216 -7.32404899597168 67 3.076923076923077 0

224 -7.600944995880127 67 3.076923076923077 0

232 -7.888177156448364 67 3.076923076923077 0

240 -8.124546766281128 67 3.076923076923077 0

248 -8.357961416244507 67 3.076923076923077 0

256 -8.689035892486572 67 3.076923076923077 0

264 -8.992649555206299 67 3.076923076923077 0

272 -9.285867691040039 67 3.076923076923077 0

280 -9.575130462646484 67 3.076923076923077 0

288 -9.890528917312622 67 3.076923076923077 0

296 -10.151790380477905 67 3.076923076923077 0

304 -10.409101963043213 67 3.076923076923077 0

312 -10.728289604187012 67 3.076923076923077 0

13 21 67

320 -13.018417596817017 67 3.076923076923077 0

27 29 67

328 -15.1817626953125 67 3.076923076923077 0

4 28 67

336 -17.53101134300232 67 3.076923076923077 0

23 27 67

344 -19.679577827453613 67 3.076923076923077 0

12 28 67

352 -21.99058771133423 67 3.076923076923077 0

16 30 67

360 -24.269572019577026 67 3.076923076923077 0

9 13 67

368 -26.408569812774658 67 3.076923076923077 0

18 24 67

376 -28.617676258087158 67 3.076923076923077 0

13 29 67

384 -30.928165435791016 67 3.076923076923077 0

12 17 67

392 -32.97375273704529 67 3.076923076923077 0

3 24 67

400 -35.77815055847168 67 3.076923076923077 0

9 17 67

408 -38.293091773986816 67 3.076923076923077 0

7 27 67

416 -40.40700840950012 67 3.076923076923077 0

5 7 67

424 -42.41531205177307 67 3.076923076923077 0

1 4 67

432 -44.367666244506836 67 3.076923076923077 0

9 21 67

440 -46.53655791282654 67 3.076923076923077 0

14 17 67

448 -48.43471956253052 67 3.076923076923077 0

25 27 67

456 -50.47591972351074 67 3.076923076923077 0

25 30 67

464 -52.40830206871033 67 3.076923076923077 0

23 26 67

472 -54.340325593948364 67 3.076923076923077 0

21 23 67

480 -56.21863055229187 67 3.076923076923077 0

25 27 67

488 -58.13533139228821 67 3.076923076923077 0

28 30 67

496 -60.11267614364624 67 3.076923076923077 0

10 27 67

504 -62.074572801589966 67 3.076923076923077 0

6 26 67

512 -64.09953474998474 67 3.076923076923077 0

8 14 67

520 -66.01231718063354 67 3.076923076923077 0

11 19 67

528 -68.09627556800842 67 3.076923076923077 0

21 29 67

536 -70.05623388290405 67 3.076923076923077 0

9 24 67

544 -72.36507606506348 67 3.076923076923077 0

3 21 67

552 -74.41291117668152 67 3.076923076923077 0

28 30 67

560 -76.35387873649597 67 3.076923076923077 0

14 27 67

568 -78.51304507255554 67 3.076923076923077 0

21 29 67

576 -80.62131524085999 67 3.076923076923077 0

7 17 66

yes 66

586 -82.87278199195862 66 1.5384615384615385 0

594 -83.16998481750488 66 1.5384615384615385 0

602 -83.47716569900513 65 0.0 0

final date： [0, 0, 0, 16, 9, 25, 9, 5, 5, 16, 41, 15, 22, 18, 46, 34, 47, 24, 47, 47, 34, 34, 32, 49, 25, 48, 40, 43, 57, 50, 55, 65]

finalduration： 65 opm 65 deviation 0.0 % time 83.51 s

j3021\_8.sm 62

8 -0.329160213470459 75 20.967741935483872 0

16 -0.7034025192260742 74 19.35483870967742 0

24 -0.9996120929718018 69 11.29032258064516 0

32 -1.3313875198364258 68 9.67741935483871 0

40 -1.5694620609283447 68 9.67741935483871 0

48 -1.8012399673461914 68 9.67741935483871 0

56 -2.0675790309906006 68 9.67741935483871 0

64 -2.375704050064087 68 9.67741935483871 0

72 -2.6151516437530518 65 4.838709677419355 0

80 -2.84674334526062 64 3.225806451612903 0

88 -3.0688092708587646 64 3.225806451612903 0

96 -3.3021488189697266 64 3.225806451612903 0

104 -3.5255517959594727 64 3.225806451612903 0

112 -3.757347345352173 63 1.6129032258064515 0

120 -4.016218185424805 63 1.6129032258064515 0

128 -4.304447650909424 63 1.6129032258064515 0

136 -4.534833192825317 63 1.6129032258064515 0

144 -4.762832880020142 63 1.6129032258064515 0

152 -5.0211403369903564 63 1.6129032258064515 0

160 -5.238559246063232 63 1.6129032258064515 0

168 -5.493878126144409 63 1.6129032258064515 0

176 -5.781110048294067 63 1.6129032258064515 0

184 -6.107237339019775 63 1.6129032258064515 0

192 -6.383497714996338 63 1.6129032258064515 0

200 -6.627042293548584 63 1.6129032258064515 0

208 -6.8498454093933105 63 1.6129032258064515 0

216 -7.072565793991089 63 1.6129032258064515 0

224 -7.354493618011475 63 1.6129032258064515 0

232 -7.582884311676025 63 1.6129032258064515 0

240 -7.810276746749878 63 1.6129032258064515 0

248 -8.066629409790039 63 1.6129032258064515 0

256 -8.378310680389404 63 1.6129032258064515 0

264 -8.715375900268555 63 1.6129032258064515 0

272 -8.997621297836304 63 1.6129032258064515 0

280 -9.261913061141968 63 1.6129032258064515 0

288 -9.542696714401245 63 1.6129032258064515 0

296 -9.854305505752563 63 1.6129032258064515 0

304 -10.102641820907593 63 1.6129032258064515 0

312 -10.336017608642578 63 1.6129032258064515 0

320 -10.555431127548218 63 1.6129032258064515 0

328 -10.832695245742798 63 1.6129032258064515 0

336 -11.121920585632324 63 1.6129032258064515 0

344 -11.423557758331299 63 1.6129032258064515 0

352 -11.649951934814453 63 1.6129032258064515 0

28 30 63

360 -13.791889429092407 63 1.6129032258064515 0

17 21 63

368 -15.851989984512329 63 1.6129032258064515 0

1 25 63

376 -18.068897008895874 63 1.6129032258064515 0

18 26 63

384 -20.06246066093445 63 1.6129032258064515 0

9 14 63

392 -22.497724771499634 63 1.6129032258064515 0

5 11 63

400 -24.777514934539795 63 1.6129032258064515 0

23 29 63

408 -26.826433897018433 63 1.6129032258064515 0

22 28 63

416 -29.007641792297363 63 1.6129032258064515 0

12 21 63

424 -31.360718488693237 63 1.6129032258064515 0

13 29 63

432 -33.63627743721008 63 1.6129032258064515 0

3 15 63

440 -35.698620319366455 63 1.6129032258064515 0

15 26 63

448 -38.0151481628418 63 1.6129032258064515 0

23 29 63

456 -40.2969856262207 63 1.6129032258064515 0

21 24 63

464 -42.304551124572754 63 1.6129032258064515 0

22 29 63

472 -44.502952575683594 63 1.6129032258064515 0

11 19 63

480 -46.572383403778076 63 1.6129032258064515 0

1 13 63

488 -48.6464786529541 63 1.6129032258064515 0

22 25 63

496 -50.69257831573486 63 1.6129032258064515 0

2 11 63

504 -52.74913311004639 63 1.6129032258064515 0

14 22 63

512 -54.998011112213135 63 1.6129032258064515 0

1 27 63

520 -57.284183502197266 63 1.6129032258064515 0

1 19 63

528 -59.44876956939697 63 1.6129032258064515 0

26 28 63

536 -61.684704542160034 63 1.6129032258064515 0

10 30 63

544 -63.90711998939514 63 1.6129032258064515 0

13 17 63

552 -66.38309860229492 63 1.6129032258064515 0

12 24 63

560 -68.714435338974 63 1.6129032258064515 0

15 23 63

568 -71.01554942131042 63 1.6129032258064515 0

6 14 63

576 -73.22335124015808 63 1.6129032258064515 0

17 22 63

584 -75.51359796524048 63 1.6129032258064515 0

24 28 63

592 -77.69550800323486 63 1.6129032258064515 0

10 17 63

600 -79.92759680747986 63 1.6129032258064515 0

10 14 63

608 -82.12724685668945 63 1.6129032258064515 0

13 19 63

616 -84.26481771469116 63 1.6129032258064515 0

5 8 63

624 -86.41426134109497 63 1.6129032258064515 0

8 24 63

632 -88.66568899154663 63 1.6129032258064515 0

12 24 63

640 -90.77431416511536 63 1.6129032258064515 0

11 26 63

648 -92.94977045059204 63 1.6129032258064515 0

16 29 63

656 -95.02638220787048 63 1.6129032258064515 0

20 24 63

664 -97.083899974823 63 1.6129032258064515 0

6 8 63

672 -99.05338883399963 63 1.6129032258064515 0

11 22 63

680 -101.28907203674316 63 1.6129032258064515 0

15 23 63

688 -103.54394054412842 63 1.6129032258064515 0

18 29 63

696 -106.86430025100708 63 1.6129032258064515 0

14 27 63

704 -110.527756690979 63 1.6129032258064515 0

21 23 63

712 -115.14739871025085 63 1.6129032258064515 0

19 21 63

720 -118.87569379806519 63 1.6129032258064515 0

13 19 63

728 -121.22771835327148 63 1.6129032258064515 0

9 12 63

736 -123.26873993873596 63 1.6129032258064515 0

4 19 63

744 -125.483717918396 63 1.6129032258064515 0

15 20 63

752 -128.0712718963623 63 1.6129032258064515 0

24 27 63

760 -130.1585464477539 63 1.6129032258064515 0

7 20 63

768 -132.35514426231384 63 1.6129032258064515 0

5 26 63

776 -134.60920429229736 63 1.6129032258064515 0

9 26 63

784 -136.7191607952118 63 1.6129032258064515 0

17 28 63

792 -138.898051738739 63 1.6129032258064515 0

5 25 63

800 -141.12644600868225 63 1.6129032258064515 0

16 25 63

808 -143.22900557518005 63 1.6129032258064515 0

2 19 63

816 -145.4580135345459 63 1.6129032258064515 0

16 20 63

824 -147.54319143295288 63 1.6129032258064515 0

9 20 63

832 -149.6350495815277 63 1.6129032258064515 0

17 19 63

840 -151.70713090896606 63 1.6129032258064515 0

14 24 63

848 -153.811758518219 63 1.6129032258064515 0

22 30 63

856 -155.90947794914246 63 1.6129032258064515 0

3 13 63

864 -158.0032033920288 63 1.6129032258064515 0

24 29 63

872 -160.02029824256897 63 1.6129032258064515 0

27 29 63

880 -162.20364546775818 63 1.6129032258064515 0

27 29 63

888 -164.3145592212677 63 1.6129032258064515 0

10 20 63

896 -166.66628861427307 63 1.6129032258064515 0

2 23 63

904 -169.03007745742798 63 1.6129032258064515 0

23 29 63

912 -171.2892541885376 63 1.6129032258064515 0

21 25 63

920 -173.4877004623413 63 1.6129032258064515 0

3 9 63

928 -175.55875158309937 63 1.6129032258064515 0

18 29 63

936 -177.6775393486023 63 1.6129032258064515 0

25 30 63

944 -179.7754716873169 63 1.6129032258064515 0

8 23 63

952 -181.87333989143372 63 1.6129032258064515 0

19 30 63

960 -184.10086345672607 63 1.6129032258064515 0

9 29 63

968 -186.39118695259094 63 1.6129032258064515 0

3 18 63

976 -188.45694017410278 63 1.6129032258064515 0

5 9 63

984 -190.55804681777954 63 1.6129032258064515 0

13 20 63

992 -192.69943284988403 63 1.6129032258064515 0

7 24 63

1000 -195.16255116462708 63 1.6129032258064515 0

27 30 63

1008 -197.66180396080017 63 1.6129032258064515 0

7 9 63

1016 -199.75263357162476 63 1.6129032258064515 0

3 22 63

1024 -201.99191856384277 63 1.6129032258064515 0

8 19 63

1032 -204.42059540748596 63 1.6129032258064515 0

2 17 63

1040 -206.79898262023926 63 1.6129032258064515 0

9 27 63

1048 -209.2013976573944 63 1.6129032258064515 0

4 15 63

1056 -211.22136306762695 63 1.6129032258064515 0

17 28 63

1064 -213.34258341789246 63 1.6129032258064515 0

11 28 63

1072 -215.4274537563324 63 1.6129032258064515 0

21 29 63

1080 -217.54093027114868 63 1.6129032258064515 0

7 24 63

1088 -219.69395470619202 63 1.6129032258064515 0

2 13 63

1096 -221.79125571250916 63 1.6129032258064515 0

16 28 63

1104 -223.93847393989563 63 1.6129032258064515 0

7 14 63

1112 -225.97827982902527 63 1.6129032258064515 0

17 28 63

1120 -228.0709216594696 63 1.6129032258064515 0

21 27 63

1128 -230.1222689151764 63 1.6129032258064515 0

16 18 63

1136 -232.2935094833374 63 1.6129032258064515 0

1 5 63

1144 -234.39303255081177 63 1.6129032258064515 0

3 24 63

1152 -236.50171971321106 63 1.6129032258064515 0

13 29 63

1160 -238.5632472038269 63 1.6129032258064515 0

12 25 63

1168 -240.62931394577026 63 1.6129032258064515 0

26 30 63

1176 -242.75050520896912 63 1.6129032258064515 0

25 28 63

1184 -244.80654335021973 63 1.6129032258064515 0

3 22 63

1192 -247.15178799629211 63 1.6129032258064515 0

21 28 63

1200 -249.53741645812988 63 1.6129032258064515 0

1 30 63

1208 -252.7293267250061 63 1.6129032258064515 0

1 3 63

1216 -255.82655310630798 63 1.6129032258064515 0

20 25 63

1224 -257.95155596733093 63 1.6129032258064515 0

7 26 63

1232 -260.0142619609833 63 1.6129032258064515 0

10 29 63

1240 -262.4379389286041 63 1.6129032258064515 0

4 17 63

1248 -264.81229186058044 63 1.6129032258064515 0

24 28 63

1256 -266.8997790813446 63 1.6129032258064515 0

16 22 63

1264 -269.0204920768738 63 1.6129032258064515 0

11 19 63

1272 -271.3186466693878 63 1.6129032258064515 0

20 22 63

1280 -273.5211536884308 63 1.6129032258064515 0

3 24 63

1288 -275.860228061676 63 1.6129032258064515 0

14 30 63

1296 -279.9499673843384 63 1.6129032258064515 0

18 28 63

1304 -284.9209449291229 63 1.6129032258064515 0

18 26 63

1312 -289.45063281059265 63 1.6129032258064515 0

9 21 63

1320 -291.87121772766113 63 1.6129032258064515 0

13 20 63

1328 -293.6594867706299 63 1.6129032258064515 0

23 28 63

1336 -295.3409307003021 63 1.6129032258064515 0

5 19 63

1344 -297.1253180503845 63 1.6129032258064515 0

15 26 63

1352 -299.055792093277 63 1.6129032258064515 0

19 30 63

1360 -300.83172082901 63 1.6129032258064515 0

19 25 63

1368 -302.49055004119873 63 1.6129032258064515 0

12 22 63

1376 -304.3419644832611 63 1.6129032258064515 0

11 25 63

1384 -306.2557740211487 63 1.6129032258064515 0

25 27 63

1392 -309.42173075675964 63 1.6129032258064515 0

3 11 63

1400 -310.9762969017029 63 1.6129032258064515 0

7 27 63

1408 -313.43162536621094 63 1.6129032258064515 0

21 28 63

1416 -319.1523230075836 63 1.6129032258064515 0

22 25 63

1424 -321.32871651649475 63 1.6129032258064515 0

19 23 63

1432 -324.02043867111206 63 1.6129032258064515 0

14 26 63

1440 -330.32539463043213 63 1.6129032258064515 0

14 30 63

1448 -333.47057819366455 63 1.6129032258064515 0

7 11 63

1456 -335.71984338760376 63 1.6129032258064515 0

11 23 63

1464 -339.3050034046173 63 1.6129032258064515 0

12 21 63

1472 -343.2715628147125 63 1.6129032258064515 0

9 18 63

1480 -348.0078761577606 63 1.6129032258064515 0

7 27 63

1488 -350.8198792934418 63 1.6129032258064515 0

6 14 63

1496 -352.4394693374634 63 1.6129032258064515 0

10 30 63

1504 -354.71354126930237 63 1.6129032258064515 0

13 18 63

1512 -358.015584230423 63 1.6129032258064515 0

24 30 63

1520 -361.9450662136078 63 1.6129032258064515 0

13 16 63

1528 -366.3958189487457 63 1.6129032258064515 0

28 30 63

1536 -372.2547264099121 63 1.6129032258064515 0

6 18 63

1544 -390.133766412735 63 1.6129032258064515 0

17 28 63

1552 -398.929039478302 63 1.6129032258064515 0

21 30 63

1560 -411.10243701934814 63 1.6129032258064515 0

4 6 63

1568 -412.70639395713806 63 1.6129032258064515 0

11 26 63

1576 -414.17785358428955 63 1.6129032258064515 0

9 20 63

1584 -415.7622730731964 63 1.6129032258064515 0

5 21 63

1592 -417.4818985462189 63 1.6129032258064515 0

17 23 63

1600 -418.90639901161194 63 1.6129032258064515 0

20 28 63

1608 -420.422878742218 63 1.6129032258064515 0

17 21 63

1616 -422.0230438709259 63 1.6129032258064515 0

20 30 63

1624 -423.6681065559387 63 1.6129032258064515 0

19 26 63

1632 -425.3107314109802 63 1.6129032258064515 0

4 16 63

1640 -427.0277409553528 63 1.6129032258064515 0

11 23 63

1648 -429.0292673110962 63 1.6129032258064515 0

12 25 63

1656 -433.0056312084198 63 1.6129032258064515 0

21 26 63

1664 -437.17623686790466 63 1.6129032258064515 0

24 27 63

1672 -439.82841515541077 63 1.6129032258064515 0

12 24 63

1680 -443.13027477264404 63 1.6129032258064515 0

8 27 63

1688 -461.86335611343384 63 1.6129032258064515 0

6 24 63

1696 -463.79230403900146 63 1.6129032258064515 0

1 7 63

1704 -465.4888434410095 63 1.6129032258064515 0

12 17 63

1712 -467.25200843811035 63 1.6129032258064515 0

10 12 63

1720 -469.60223031044006 63 1.6129032258064515 0

3 5 63

1728 -471.3787922859192 63 1.6129032258064515 0

1 29 63

1736 -473.3371169567108 63 1.6129032258064515 0

26 29 63

1744 -475.21967458724976 63 1.6129032258064515 0

10 23 63

1752 -477.0958960056305 63 1.6129032258064515 0

19 26 63

1760 -479.0213580131531 62 0.0 0

final date： [0, 0, 0, 4, 1, 14, 10, 7, 20, 13, 17, 10, 12, 26, 20, 33, 37, 27, 37, 31, 32, 34, 42, 42, 41, 59, 50, 47, 61, 61, 56, 62]

finalduration： 62 opm 62 deviation 0.0 % time 479.05 s

j3021\_9.sm 69

8 -0.24829888343811035 78 13.043478260869565 0

16 -0.5365266799926758 73 5.797101449275362 0

24 -0.813368558883667 69 0.0 0

final date： [0, 0, 0, 42, 10, 16, 10, 8, 10, 16, 34, 16, 24, 21, 9, 53, 50, 18, 18, 24, 42, 43, 48, 60, 24, 34, 50, 48, 53, 59, 62, 69]

finalduration： 69 opm 69 deviation 0.0 % time 0.85 s

j3022\_1.sm 42

8 -0.14062142372131348 42 0.0 0

final date： [0, 0, 2, 0, 12, 18, 5, 10, 4, 10, 14, 14, 12, 16, 20, 23, 13, 18, 13, 21, 20, 19, 25, 24, 27, 27, 30, 32, 32, 32, 40, 42]

finalduration： 42 opm 42 deviation 0.0 % time 0.16 s

j3022\_10.sm 55

8 -0.1795191764831543 55 0.0 0

final date： [0, 1, 7, 0, 7, 2, 16, 14, 13, 26, 10, 26, 32, 21, 45, 19, 8, 30, 31, 18, 19, 30, 22, 28, 34, 32, 42, 40, 47, 47, 37, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.2 s

j3022\_2.sm 45

8 -0.1616063117980957 51 13.333333333333334 0

16 -0.35109567642211914 45 0.0 0

final date： [0, 0, 0, 0, 5, 7, 5, 7, 7, 8, 12, 10, 17, 15, 5, 17, 17, 25, 17, 24, 33, 33, 32, 12, 25, 37, 38, 35, 42, 42, 40, 45]

finalduration： 45 opm 45 deviation 0.0 % time 0.37 s

j3022\_3.sm 63

final date： [0, 0, 0, 0, 10, 10, 16, 16, 29, 46, 26, 23, 16, 16, 26, 10, 6, 31, 31, 39, 10, 39, 32, 20, 23, 33, 48, 35, 48, 53, 55, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3022\_4.sm 42

8 -0.15754008293151855 42 0.0 0

final date： [0, 0, 0, 0, 4, 3, 4, 4, 12, 4, 21, 10, 7, 14, 18, 14, 14, 17, 15, 17, 10, 27, 23, 29, 10, 29, 32, 21, 38, 31, 30, 42]

finalduration： 42 opm 42 deviation 0.0 % time 0.18 s

j3022\_5.sm 52

8 -0.17206907272338867 52 0.0 0

final date： [0, 0, 5, 0, 10, 5, 12, 13, 20, 10, 32, 20, 16, 26, 12, 27, 16, 12, 26, 38, 32, 31, 21, 43, 38, 27, 40, 42, 43, 43, 46, 52]

finalduration： 52 opm 52 deviation 0.0 % time 0.2 s

j3022\_6.sm 52

8 -0.20466017723083496 54 3.8461538461538463 0

16 -0.380204439163208 53 1.9230769230769231 0

24 -0.5746030807495117 53 1.9230769230769231 0

32 -0.7873437404632568 53 1.9230769230769231 0

40 -0.9668629169464111 53 1.9230769230769231 0

48 -1.1623780727386475 53 1.9230769230769231 0

56 -1.329890489578247 53 1.9230769230769231 0

64 -1.5229108333587646 52 0.0 0

final date： [0, 0, 0, 0, 10, 11, 7, 7, 21, 3, 17, 11, 6, 17, 30, 27, 32, 23, 17, 21, 23, 32, 30, 10, 40, 36, 36, 40, 42, 43, 43, 52]

finalduration： 52 opm 52 deviation 0.0 % time 1.55 s

j3022\_7.sm 60

final date： [0, 14, 0, 15, 2, 1, 7, 3, 8, 14, 30, 50, 9, 23, 38, 16, 24, 21, 36, 30, 42, 24, 33, 38, 30, 40, 45, 47, 54, 52, 51, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3022\_8.sm 55

8 -0.21208691596984863 58 5.454545454545454 0

16 -0.4221000671386719 58 5.454545454545454 0

24 -0.5965957641601562 56 1.8181818181818181 0

32 -0.8180010318756104 56 1.8181818181818181 0

40 -0.9955270290374756 56 1.8181818181818181 0

48 -1.2145459651947021 56 1.8181818181818181 0

56 -1.4060349464416504 56 1.8181818181818181 0

64 -1.6005120277404785 55 0.0 0

final date： [0, 0, 0, 5, 6, 10, 13, 11, 10, 13, 20, 18, 19, 28, 20, 25, 26, 20, 29, 11, 6, 35, 28, 26, 41, 39, 42, 26, 52, 32, 43, 55]

finalduration： 55 opm 55 deviation 0.0 % time 1.62 s

j3022\_9.sm 76

8 -0.23134160041809082 76 0.0 0

final date： [0, 0, 0, 0, 10, 6, 18, 10, 11, 28, 17, 6, 28, 18, 37, 21, 24, 33, 43, 43, 51, 24, 37, 45, 21, 60, 54, 65, 75, 60, 65, 76]

finalduration： 76 opm 76 deviation 0.0 % time 0.26 s

j3023\_1.sm 63

final date： [0, 0, 0, 0, 4, 10, 5, 19, 5, 15, 22, 22, 4, 10, 31, 17, 15, 31, 28, 22, 40, 19, 36, 40, 28, 42, 47, 47, 55, 49, 54, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3023\_10.sm 61

final date： [0, 16, 0, 2, 10, 34, 26, 13, 22, 14, 38, 23, 35, 30, 33, 36, 39, 38, 44, 28, 48, 41, 34, 35, 49, 46, 42, 47, 55, 52, 58, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.01 s

j3023\_2.sm 53

final date： [0, 0, 0, 0, 3, 3, 3, 9, 9, 5, 13, 9, 1, 14, 3, 18, 1, 4, 18, 22, 23, 30, 25, 25, 23, 31, 35, 38, 38, 45, 31, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3023\_3.sm 46

final date： [0, 0, 0, 0, 4, 4, 4, 11, 13, 11, 7, 16, 20, 22, 10, 22, 25, 14, 17, 20, 26, 26, 23, 25, 29, 20, 37, 28, 35, 29, 41, 46]

finalduration： 46 opm 46 deviation 0.0 % time 0.01 s

j3023\_4.sm 65

8 -0.2078549861907959 65 0.0 0

final date： [0, 0, 6, 0, 10, 11, 18, 18, 23, 11, 12, 23, 15, 20, 29, 35, 25, 32, 32, 36, 31, 36, 39, 40, 39, 40, 36, 48, 32, 43, 56, 65]

finalduration： 65 opm 65 deviation 0.0 % time 0.24 s

j3023\_5.sm 52

final date： [0, 0, 0, 0, 4, 15, 13, 4, 19, 7, 4, 7, 4, 5, 22, 13, 27, 26, 26, 14, 15, 22, 23, 31, 22, 31, 38, 41, 35, 48, 31, 52]

finalduration： 52 opm 52 deviation 0.0 % time 0.01 s

j3023\_6.sm 48

final date： [0, 0, 0, 6, 13, 10, 13, 13, 2, 17, 4, 4, 17, 4, 10, 25, 17, 14, 20, 28, 6, 22, 17, 23, 31, 28, 36, 40, 33, 36, 45, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j3023\_7.sm 60

8 -0.20245814323425293 60 0.0 0

final date： [0, 21, 0, 26, 23, 10, 11, 27, 13, 15, 23, 25, 30, 29, 28, 43, 50, 32, 31, 35, 26, 48, 20, 33, 44, 45, 41, 50, 50, 57, 42, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.22 s

j3023\_8.sm 48

8 -0.16556286811828613 48 0.0 0

final date： [0, 0, 0, 0, 3, 9, 8, 8, 9, 12, 13, 21, 29, 9, 23, 21, 23, 30, 31, 9, 35, 10, 31, 35, 40, 21, 35, 23, 39, 40, 45, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.19 s

j3023\_9.sm 63

8 -0.23740506172180176 64 1.5873015873015872 0

16 -0.47238731384277344 63 0.0 0

final date： [0, 0, 0, 0, 4, 5, 5, 20, 15, 2, 21, 12, 12, 25, 40, 16, 21, 23, 27, 29, 29, 24, 25, 30, 37, 39, 40, 48, 37, 54, 33, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.5 s

j3024\_1.sm 53

final date： [0, 0, 0, 0, 7, 7, 7, 15, 15, 22, 17, 18, 26, 18, 26, 33, 18, 33, 1, 17, 22, 19, 21, 24, 27, 27, 30, 40, 27, 39, 43, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3024\_10.sm 53

final date： [0, 0, 0, 0, 8, 8, 5, 7, 5, 11, 11, 19, 19, 24, 11, 18, 13, 29, 18, 14, 11, 28, 19, 35, 29, 39, 29, 31, 37, 48, 39, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3024\_2.sm 58

final date： [0, 0, 0, 0, 10, 10, 3, 14, 4, 14, 3, 14, 3, 22, 15, 22, 10, 22, 27, 30, 19, 27, 20, 25, 31, 28, 35, 43, 31, 48, 32, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3024\_3.sm 69

final date： [0, 0, 0, 0, 10, 20, 29, 8, 20, 9, 25, 5, 13, 13, 20, 28, 36, 36, 45, 28, 35, 55, 40, 36, 45, 10, 45, 45, 61, 55, 36, 69]

finalduration： 69 opm 69 deviation 0.0 % time 0.01 s

j3024\_4.sm 53

final date： [0, 0, 0, 0, 5, 1, 1, 1, 5, 15, 15, 5, 15, 2, 21, 22, 22, 5, 21, 22, 8, 30, 5, 32, 27, 32, 37, 32, 45, 28, 37, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3024\_5.sm 51

final date： [0, 0, 0, 0, 8, 11, 17, 9, 25, 5, 6, 9, 6, 17, 35, 11, 17, 17, 22, 17, 23, 20, 35, 30, 25, 21, 23, 38, 43, 37, 43, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3024\_6.sm 56

final date： [0, 0, 0, 0, 10, 1, 5, 15, 8, 24, 24, 1, 24, 16, 4, 14, 14, 32, 14, 8, 32, 10, 15, 32, 22, 33, 39, 36, 46, 22, 40, 56]

finalduration： 56 opm 56 deviation 0.0 % time 0.01 s

j3024\_7.sm 44

final date： [0, 0, 0, 0, 1, 1, 7, 6, 1, 6, 11, 11, 21, 11, 3, 16, 13, 10, 18, 31, 21, 31, 10, 31, 31, 7, 34, 38, 33, 38, 42, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.01 s

j3024\_8.sm 38

final date： [0, 0, 0, 0, 3, 8, 9, 3, 9, 10, 10, 3, 15, 19, 9, 10, 8, 15, 15, 12, 24, 20, 24, 31, 17, 13, 21, 26, 34, 28, 29, 38]

finalduration： 38 opm 38 deviation 0.0 % time 0.01 s

j3024\_9.sm 43

final date： [0, 0, 0, 0, 3, 8, 8, 8, 16, 12, 20, 16, 20, 20, 16, 21, 4, 30, 29, 28, 10, 11, 20, 26, 15, 30, 26, 36, 33, 33, 41, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.01 s

j3025\_1.sm 93

8 -0.40491628646850586 102 9.67741935483871 0

16 -0.7596099376678467 101 8.60215053763441 0

24 -1.0947630405426025 101 8.60215053763441 0

32 -1.508692741394043 99 6.451612903225806 0

40 -1.8555290699005127 99 6.451612903225806 0

48 -2.2203316688537598 97 4.301075268817205 0

56 -2.59035587310791 97 4.301075268817205 0

64 -2.9763221740722656 97 4.301075268817205 0

72 -3.3602943420410156 97 4.301075268817205 0

80 -3.7054097652435303 97 4.301075268817205 0

88 -4.049448728561401 97 4.301075268817205 0

96 -4.434417009353638 97 4.301075268817205 0

104 -4.8367018699646 97 4.301075268817205 0

112 -5.178323984146118 97 4.301075268817205 0

120 -5.502129554748535 97 4.301075268817205 0

128 -5.848302602767944 97 4.301075268817205 0

136 -6.187976121902466 97 4.301075268817205 0

144 -6.535044193267822 97 4.301075268817205 0

152 -6.907086610794067 97 4.301075268817205 0

160 -7.267691612243652 97 4.301075268817205 0

168 -7.616720199584961 97 4.301075268817205 0

176 -8.018174171447754 97 4.301075268817205 0

184 -8.394169569015503 97 4.301075268817205 0

192 -8.770756244659424 97 4.301075268817205 0

200 -9.13477897644043 97 4.301075268817205 0

208 -9.484882593154907 97 4.301075268817205 0

216 -9.900729417800903 96 3.225806451612903 0

224 -10.29068660736084 96 3.225806451612903 0

232 -10.654113292694092 96 3.225806451612903 0

240 -11.091431379318237 96 3.225806451612903 0

248 -11.49990963935852 96 3.225806451612903 0

256 -11.907795190811157 96 3.225806451612903 0

264 -12.255900382995605 96 3.225806451612903 0

272 -12.652801275253296 96 3.225806451612903 0

280 -12.999525547027588 96 3.225806451612903 0

288 -13.420398235321045 96 3.225806451612903 0

296 -13.795375108718872 96 3.225806451612903 0

304 -14.173364639282227 96 3.225806451612903 0

312 -14.541378498077393 96 3.225806451612903 0

320 -14.921882390975952 96 3.225806451612903 0

328 -15.334810733795166 96 3.225806451612903 0

336 -15.797078847885132 96 3.225806451612903 0

344 -16.22991943359375 96 3.225806451612903 0

352 -16.69068670272827 96 3.225806451612903 0

360 -17.13167977333069 96 3.225806451612903 0

368 -17.548563480377197 96 3.225806451612903 0

376 -17.923558473587036 96 3.225806451612903 0

384 -18.33150029182434 96 3.225806451612903 0

392 -18.72042417526245 96 3.225806451612903 0

400 -19.07751154899597 96 3.225806451612903 0

408 -19.39665150642395 96 3.225806451612903 0

416 -19.729722261428833 96 3.225806451612903 0

424 -20.079188108444214 96 3.225806451612903 0

432 -20.509542226791382 96 3.225806451612903 0

440 -20.91449785232544 96 3.225806451612903 0

448 -21.32336139678955 96 3.225806451612903 0

456 -21.74822473526001 96 3.225806451612903 0

22 30 96

464 -24.78012466430664 96 3.225806451612903 0

7 14 96

472 -27.95891547203064 96 3.225806451612903 0

26 29 96

480 -30.96853804588318 96 3.225806451612903 0

12 14 96

488 -33.74779725074768 96 3.225806451612903 0

6 17 96

496 -36.41482949256897 96 3.225806451612903 0

13 23 96

504 -39.22165369987488 96 3.225806451612903 0

3 6 96

512 -41.909870624542236 96 3.225806451612903 0

9 27 96

520 -44.78226017951965 96 3.225806451612903 0

2 28 96

528 -47.619447469711304 96 3.225806451612903 0

14 16 96

536 -50.239229917526245 96 3.225806451612903 0

9 29 95

yes 95

546 -53.26358079910278 95 2.1505376344086025 0

554 -53.61759281158447 95 2.1505376344086025 0

562 -54.03306269645691 95 2.1505376344086025 0

570 -54.413044691085815 95 2.1505376344086025 0

578 -54.7660973072052 95 2.1505376344086025 0

586 -55.148029804229736 95 2.1505376344086025 0

594 -55.50241780281067 95 2.1505376344086025 0

602 -55.86451053619385 95 2.1505376344086025 0

610 -56.22023153305054 95 2.1505376344086025 0

618 -56.591800928115845 95 2.1505376344086025 0

626 -56.95186138153076 95 2.1505376344086025 0

634 -57.31887745857239 95 2.1505376344086025 0

642 -57.68444085121155 95 2.1505376344086025 0

650 -58.16419792175293 95 2.1505376344086025 0

658 -58.60497522354126 95 2.1505376344086025 0

666 -59.102405071258545 95 2.1505376344086025 0

674 -59.53728127479553 93 0.0 0

final date： [0, 0, 9, 20, 16, 16, 44, 9, 33, 29, 19, 29, 19, 25, 67, 51, 38, 53, 26, 60, 36, 47, 67, 71, 44, 78, 47, 87, 91, 90, 51, 93]

finalduration： 93 opm 93 deviation 0.0 % time 59.58 s

j3025\_10.sm 58

8 -0.2562735080718994 64 10.344827586206897 0

16 -0.5002422332763672 61 5.172413793103448 0

24 -0.7206120491027832 61 5.172413793103448 0

32 -0.9424424171447754 61 5.172413793103448 0

40 -1.1978726387023926 61 5.172413793103448 0

48 -1.4332630634307861 61 5.172413793103448 0

56 -1.6876182556152344 61 5.172413793103448 0

64 -1.9050357341766357 61 5.172413793103448 0

72 -2.181257724761963 61 5.172413793103448 0

80 -2.432065725326538 61 5.172413793103448 0

88 -2.6737639904022217 61 5.172413793103448 0

96 -2.9191067218780518 61 5.172413793103448 0

104 -3.139516592025757 61 5.172413793103448 0

112 -3.3963332176208496 61 5.172413793103448 0

120 -3.642712354660034 61 5.172413793103448 0

128 -3.860090732574463 61 5.172413793103448 0

136 -4.114410161972046 60 3.4482758620689653 0

144 -4.37870192527771 59 1.7241379310344827 0

152 -4.6609461307525635 59 1.7241379310344827 0

160 -4.970117807388306 59 1.7241379310344827 0

168 -5.298928499221802 59 1.7241379310344827 0

176 -5.6022725105285645 59 1.7241379310344827 0

184 -5.877346038818359 59 1.7241379310344827 0

192 -6.155600547790527 59 1.7241379310344827 0

200 -6.439837694168091 59 1.7241379310344827 0

208 -6.748520135879517 59 1.7241379310344827 0

216 -7.025777816772461 59 1.7241379310344827 0

224 -7.333951950073242 59 1.7241379310344827 0

232 -7.667060136795044 59 1.7241379310344827 0

240 -7.980220556259155 59 1.7241379310344827 0

248 -8.26944613456726 59 1.7241379310344827 0

256 -8.571252822875977 59 1.7241379310344827 0

264 -8.811570882797241 59 1.7241379310344827 0

272 -9.073866605758667 59 1.7241379310344827 0

280 -9.307241439819336 59 1.7241379310344827 0

288 -9.54923152923584 59 1.7241379310344827 0

296 -9.818511009216309 59 1.7241379310344827 0

304 -10.034894704818726 59 1.7241379310344827 0

312 -10.332135677337646 59 1.7241379310344827 0

320 -10.604267358779907 59 1.7241379310344827 0

328 -10.843446016311646 59 1.7241379310344827 0

336 -11.065706253051758 59 1.7241379310344827 0

344 -11.327759981155396 59 1.7241379310344827 0

352 -11.564130783081055 59 1.7241379310344827 0

360 -11.788533926010132 59 1.7241379310344827 0

368 -12.007588148117065 59 1.7241379310344827 0

376 -12.245301008224487 59 1.7241379310344827 0

384 -12.474821090698242 59 1.7241379310344827 0

27 29 59

392 -14.591118097305298 59 1.7241379310344827 0

14 29 59

400 -16.481401205062866 59 1.7241379310344827 0

13 26 59

408 -18.429810285568237 59 1.7241379310344827 0

19 25 59

416 -20.34696316719055 59 1.7241379310344827 0

16 22 59

424 -22.277944564819336 59 1.7241379310344827 0

24 29 59

432 -24.352348566055298 59 1.7241379310344827 0

10 25 59

440 -26.34964418411255 59 1.7241379310344827 0

20 26 59

448 -28.436216592788696 59 1.7241379310344827 0

5 19 59

456 -30.52958631515503 59 1.7241379310344827 0

6 9 59

464 -35.06947660446167 59 1.7241379310344827 0

15 20 59

472 -40.264214277267456 59 1.7241379310344827 0

12 25 59

480 -43.18121361732483 59 1.7241379310344827 0

5 10 59

488 -45.543381452560425 59 1.7241379310344827 0

8 16 59

496 -48.14757013320923 59 1.7241379310344827 0

5 13 59

504 -50.23058319091797 59 1.7241379310344827 0

2 29 59

512 -52.627936124801636 59 1.7241379310344827 0

22 30 59

520 -54.593021392822266 59 1.7241379310344827 0

11 17 59

528 -56.56829047203064 59 1.7241379310344827 0

4 22 58

yes 58

538 -58.72073459625244 58 0.0 0

final date： [0, 5, 0, 6, 12, 19, 32, 13, 7, 11, 14, 4, 16, 27, 15, 5, 10, 27, 45, 23, 36, 6, 28, 37, 46, 39, 48, 50, 51, 54, 53, 58]

finalduration： 58 opm 58 deviation 0.0 % time 58.74 s

j3025\_2.sm 75

8 -0.28519773483276367 82 9.333333333333334 0

16 -0.5983600616455078 82 9.333333333333334 0

24 -0.9099407196044922 82 9.333333333333334 0

32 -1.2191135883331299 81 8.0 0

40 -1.5612366199493408 81 8.0 0

48 -1.8724925518035889 81 8.0 0

56 -2.1786704063415527 81 8.0 0

64 -2.5024731159210205 81 8.0 0

72 -2.8123936653137207 81 8.0 0

80 -3.113586902618408 80 6.666666666666667 0

88 -3.4636497497558594 80 6.666666666666667 0

96 -3.7497000694274902 80 6.666666666666667 0

104 -4.055143594741821 80 6.666666666666667 0

112 -4.401180982589722 80 6.666666666666667 0

120 -4.735318422317505 77 2.666666666666667 0

128 -5.059455394744873 77 2.666666666666667 0

136 -5.366631031036377 76 1.3333333333333335 0

144 -5.705835342407227 76 1.3333333333333335 0

152 -6.03594970703125 76 1.3333333333333335 0

160 -6.361080169677734 76 1.3333333333333335 0

168 -6.660279273986816 76 1.3333333333333335 0

176 -7.006317377090454 76 1.3333333333333335 0

184 -7.296538591384888 76 1.3333333333333335 0

192 -7.593786954879761 76 1.3333333333333335 0

200 -7.888952970504761 76 1.3333333333333335 0

208 -8.204107761383057 76 1.3333333333333335 0

216 -8.511325597763062 76 1.3333333333333335 0

224 -8.82810354232788 76 1.3333333333333335 0

232 -9.101332664489746 76 1.3333333333333335 0

240 -9.37762999534607 76 1.3333333333333335 0

248 -9.647905588150024 76 1.3333333333333335 0

256 -9.970764875411987 76 1.3333333333333335 0

264 -10.261946678161621 76 1.3333333333333335 0

272 -10.520254850387573 76 1.3333333333333335 0

280 -10.838968753814697 76 1.3333333333333335 0

288 -11.110241889953613 76 1.3333333333333335 0

296 -11.384549856185913 76 1.3333333333333335 0

304 -11.666284799575806 76 1.3333333333333335 0

312 -11.924659967422485 76 1.3333333333333335 0

320 -12.240377426147461 76 1.3333333333333335 0

328 -12.521663427352905 76 1.3333333333333335 0

336 -12.774943828582764 76 1.3333333333333335 0

344 -13.071851015090942 76 1.3333333333333335 0

352 -13.353346109390259 75 0.0 0

final date： [0, 0, 4, 0, 8, 22, 17, 15, 18, 28, 8, 28, 28, 11, 33, 22, 8, 40, 33, 49, 31, 46, 49, 47, 55, 48, 53, 60, 66, 41, 55, 75]

finalduration： 75 opm 75 deviation 0.0 % time 13.38 s

j3025\_3.sm 76

8 -0.29037952423095703 80 5.263157894736842 0

16 -0.6081681251525879 80 5.263157894736842 0

24 -0.9474050998687744 80 5.263157894736842 0

32 -1.2995028495788574 79 3.9473684210526314 0

40 -1.6255886554718018 77 1.3157894736842104 0

48 -1.9667134284973145 77 1.3157894736842104 0

56 -2.278876543045044 77 1.3157894736842104 0

64 -2.596525192260742 77 1.3157894736842104 0

72 -2.9495792388916016 77 1.3157894736842104 0

80 -3.2460129261016846 77 1.3157894736842104 0

88 -3.5876691341400146 77 1.3157894736842104 0

96 -3.964350700378418 77 1.3157894736842104 0

104 -4.324048042297363 77 1.3157894736842104 0

112 -4.74890923500061 77 1.3157894736842104 0

120 -5.169782400131226 77 1.3157894736842104 0

128 -5.52522873878479 77 1.3157894736842104 0

136 -5.854903697967529 77 1.3157894736842104 0

144 -6.235909461975098 77 1.3157894736842104 0

152 -6.592568397521973 77 1.3157894736842104 0

160 -6.97158670425415 77 1.3157894736842104 0

168 -7.319654703140259 77 1.3157894736842104 0

176 -7.708610534667969 77 1.3157894736842104 0

184 -8.098530769348145 77 1.3157894736842104 0

192 -8.51595139503479 77 1.3157894736842104 0

200 -8.897117376327515 77 1.3157894736842104 0

208 -9.2352135181427 77 1.3157894736842104 0

216 -9.609209775924683 77 1.3157894736842104 0

224 -9.944353103637695 77 1.3157894736842104 0

232 -10.301357507705688 77 1.3157894736842104 0

240 -10.605586528778076 77 1.3157894736842104 0

248 -10.924690961837769 77 1.3157894736842104 0

256 -11.284767150878906 77 1.3157894736842104 0

264 -11.644520282745361 77 1.3157894736842104 0

272 -11.993545055389404 77 1.3157894736842104 0

280 -12.329678058624268 77 1.3157894736842104 0

8 11 77

288 -14.970665216445923 77 1.3157894736842104 0

6 27 77

296 -17.737348318099976 77 1.3157894736842104 0

22 24 77

304 -20.051183700561523 77 1.3157894736842104 0

23 26 77

312 -23.70410919189453 77 1.3157894736842104 0

10 14 77

320 -28.671908855438232 77 1.3157894736842104 0

2 22 77

328 -31.532801866531372 77 1.3157894736842104 0

3 6 77

336 -34.38048791885376 77 1.3157894736842104 0

24 26 77

344 -37.373175621032715 77 1.3157894736842104 0

10 14 77

352 -40.31915760040283 77 1.3157894736842104 0

21 26 77

360 -43.28184247016907 77 1.3157894736842104 0

14 23 77

368 -46.25204348564148 77 1.3157894736842104 0

10 21 77

376 -49.24115014076233 77 1.3157894736842104 0

23 29 77

384 -52.19306492805481 77 1.3157894736842104 0

26 28 77

392 -55.139323472976685 77 1.3157894736842104 0

5 27 77

400 -58.15109825134277 77 1.3157894736842104 0

23 29 77

408 -61.09683847427368 77 1.3157894736842104 0

24 26 77

416 -63.88108515739441 77 1.3157894736842104 0

11 26 77

424 -67.14030456542969 77 1.3157894736842104 0

24 29 77

432 -69.96966481208801 77 1.3157894736842104 0

4 29 77

440 -73.13751244544983 77 1.3157894736842104 0

23 29 77

448 -75.96863603591919 77 1.3157894736842104 0

6 17 77

456 -78.85696005821228 77 1.3157894736842104 0

15 19 77

464 -81.99121308326721 77 1.3157894736842104 0

6 22 77

472 -84.98501181602478 77 1.3157894736842104 0

6 25 77

480 -88.11113858222961 77 1.3157894736842104 0

11 19 77

488 -91.31831979751587 77 1.3157894736842104 0

1 17 77

496 -94.4552869796753 77 1.3157894736842104 0

24 28 77

504 -97.34773063659668 77 1.3157894736842104 0

4 18 77

512 -100.39707636833191 77 1.3157894736842104 0

20 24 77

520 -103.43103742599487 77 1.3157894736842104 0

10 15 77

528 -106.72525238990784 77 1.3157894736842104 0

8 27 77

536 -112.25956439971924 77 1.3157894736842104 0

19 26 77

544 -119.90051054954529 77 1.3157894736842104 0

7 11 77

552 -126.94222521781921 77 1.3157894736842104 0

10 22 77

560 -130.71821546554565 77 1.3157894736842104 0

18 30 77

568 -134.21640992164612 77 1.3157894736842104 0

27 29 77

576 -137.10330033302307 77 1.3157894736842104 0

11 24 77

584 -139.8967297077179 77 1.3157894736842104 0

16 28 77

592 -143.01387977600098 77 1.3157894736842104 0

17 19 77

600 -146.02308058738708 77 1.3157894736842104 0

10 25 77

608 -149.21650624275208 77 1.3157894736842104 0

20 28 77

616 -152.49469566345215 77 1.3157894736842104 0

3 27 77

624 -155.44057607650757 77 1.3157894736842104 0

5 22 77

632 -158.5178828239441 77 1.3157894736842104 0

15 21 77

640 -161.48752617835999 77 1.3157894736842104 0

14 28 77

648 -164.6697449684143 77 1.3157894736842104 0

8 29 77

656 -167.5693199634552 77 1.3157894736842104 0

24 26 77

664 -170.6301064491272 77 1.3157894736842104 0

22 25 77

672 -173.5163116455078 77 1.3157894736842104 0

2 11 77

680 -176.42694783210754 77 1.3157894736842104 0

3 9 77

688 -179.3968906402588 77 1.3157894736842104 0

25 27 77

696 -182.25428748130798 77 1.3157894736842104 0

10 30 77

704 -185.10570096969604 77 1.3157894736842104 0

1 21 77

712 -188.26163697242737 77 1.3157894736842104 0

10 28 77

720 -191.43566298484802 77 1.3157894736842104 0

11 26 77

728 -194.46952271461487 77 1.3157894736842104 0

14 23 77

736 -197.5884931087494 77 1.3157894736842104 0

7 30 77

744 -200.68386387825012 77 1.3157894736842104 0

12 20 77

752 -203.91132497787476 77 1.3157894736842104 0

23 30 77

760 -206.83388090133667 77 1.3157894736842104 0

21 28 77

768 -209.78328037261963 77 1.3157894736842104 0

6 18 77

776 -212.8475422859192 77 1.3157894736842104 0

9 19 77

784 -216.03540229797363 77 1.3157894736842104 0

21 24 77

792 -219.02935099601746 77 1.3157894736842104 0

21 28 77

800 -221.94708108901978 77 1.3157894736842104 0

7 23 77

808 -224.97780656814575 77 1.3157894736842104 0

16 24 77

816 -228.15469789505005 77 1.3157894736842104 0

7 18 77

824 -231.20245957374573 77 1.3157894736842104 0

12 16 77

832 -234.800683259964 77 1.3157894736842104 0

14 27 77

840 -238.2809886932373 77 1.3157894736842104 0

24 27 77

848 -241.27319502830505 76 0.0 0

final date： [0, 0, 0, 16, 7, 7, 29, 9, 30, 25, 26, 8, 30, 39, 47, 57, 36, 64, 15, 16, 47, 39, 58, 29, 48, 64, 69, 67, 69, 72, 67, 76]

finalduration： 76 opm 76 deviation 0.0 % time 241.31 s

j3025\_4.sm 81

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4784 -1369.430023908615 82 1.2345679012345678 0

4 21 82

4792 -1371.858845949173 82 1.2345679012345678 0

1 14 82

4800 -1374.0918745994568 82 1.2345679012345678 0

16 19 82

4808 -1376.2092530727386 82 1.2345679012345678 0

21 24 82

4816 -1378.516732931137 82 1.2345679012345678 0

2 21 82

4824 -1381.320107460022 82 1.2345679012345678 0

11 23 82

4832 -1384.081794500351 82 1.2345679012345678 0

28 30 82

4840 -1386.068965435028 82 1.2345679012345678 0

4 29 82

4848 -1388.7786149978638 82 1.2345679012345678 0

5 12 82

4856 -1391.1946494579315 82 1.2345679012345678 0

16 30 82

4864 -1393.745525598526 82 1.2345679012345678 0

13 17 82

4872 -1395.8380479812622 82 1.2345679012345678 0

20 28 82

4880 -1398.323590517044 82 1.2345679012345678 0

4 20 82

4888 -1400.5494661331177 82 1.2345679012345678 0

6 14 82

4896 -1403.0520360469818 82 1.2345679012345678 0

13 16 82

4904 -1405.3814361095428 82 1.2345679012345678 0

23 27 82

4912 -1411.9694604873657 82 1.2345679012345678 0

23 27 82

4920 -1414.3707938194275 82 1.2345679012345678 0

12 17 82

4928 -1419.7553310394287 82 1.2345679012345678 0

7 27 82

4936 -1426.726200580597 82 1.2345679012345678 0

15 26 82

4944 -1430.5160574913025 82 1.2345679012345678 0

1 20 82

4952 -1436.2496128082275 82 1.2345679012345678 0

24 26 82

4960 -1440.5137310028076 82 1.2345679012345678 0

4 24 82

4968 -1448.3840818405151 82 1.2345679012345678 0

27 30 82

4976 -1451.4935402870178 82 1.2345679012345678 0

21 26 82

4984 -1455.122029542923 82 1.2345679012345678 0

1 11 82

4992 -1458.2851815223694 82 1.2345679012345678 0

17 20 82

5000 -1461.8179018497467 82 1.2345679012345678 0

1 10 82

5008 -1466.9963774681091 82 1.2345679012345678 0

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finalduration： 82 opm 81 deviation 1.235 % time 1467.08 s

j3025\_5.sm 72

8 -0.22300314903259277 75 4.166666666666666 0

16 -0.5018589496612549 73 1.3888888888888888 0

24 -0.7831118106842041 73 1.3888888888888888 0

32 -1.0842690467834473 73 1.3888888888888888 0

40 -1.4791958332061768 72 0.0 0

final date： [0, 0, 0, 0, 31, 13, 8, 7, 24, 16, 7, 41, 41, 46, 39, 31, 24, 45, 59, 51, 51, 59, 60, 58, 61, 27, 63, 63, 71, 67, 67, 72]

finalduration： 72 opm 72 deviation 0.0 % time 1.51 s

j3025\_6.sm 58

8 -0.598649263381958 66 13.793103448275861 0

16 -0.8719031810760498 64 10.344827586206897 0

24 -1.1188554763793945 64 10.344827586206897 0

32 -1.3701286315917969 64 10.344827586206897 0

40 -3.2424728870391846 63 8.620689655172415 0

48 -4.871514320373535 61 5.172413793103448 0

56 -5.517184495925903 61 5.172413793103448 0

64 -5.790002346038818 61 5.172413793103448 0

72 -5.954564571380615 61 5.172413793103448 0

80 -7.221893072128296 61 5.172413793103448 0

88 -7.391486167907715 61 5.172413793103448 0

96 -7.6677327156066895 61 5.172413793103448 0

104 -7.92900013923645 61 5.172413793103448 0

112 -8.37878704071045 61 5.172413793103448 0

120 -8.675457954406738 61 5.172413793103448 0

128 -8.919294118881226 61 5.172413793103448 0

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144 -9.581522703170776 61 5.172413793103448 0

152 -9.749622821807861 61 5.172413793103448 0

160 -9.955032348632812 61 5.172413793103448 0

168 -10.269188404083252 61 5.172413793103448 0

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248 -17.23728036880493 61 5.172413793103448 0

256 -17.57142162322998 61 5.172413793103448 0

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288 -19.3207049369812 61 5.172413793103448 0

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296 -21.99405026435852 61 5.172413793103448 0

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304 -38.12207794189453 61 5.172413793103448 0

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312 -42.47399163246155 61 5.172413793103448 0

11 17 61

320 -44.682366609573364 61 5.172413793103448 0

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328 -46.97009563446045 61 5.172413793103448 0

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336 -50.709338903427124 61 5.172413793103448 0

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344 -52.982181549072266 61 5.172413793103448 0

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352 -55.080671310424805 61 5.172413793103448 0

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360 -57.50498080253601 61 5.172413793103448 0

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368 -65.75075840950012 61 5.172413793103448 0

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376 -70.27728128433228 61 5.172413793103448 0

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384 -78.61682200431824 61 5.172413793103448 0

13 23 61

392 -100.03315234184265 61 5.172413793103448 0

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400 -109.48957109451294 61 5.172413793103448 0

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408 -114.05246925354004 61 5.172413793103448 0

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416 -118.0486671924591 61 5.172413793103448 0

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424 -122.06785416603088 61 5.172413793103448 0

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432 -127.38227319717407 61 5.172413793103448 0

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440 -129.63109588623047 61 5.172413793103448 0

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448 -131.3572027683258 61 5.172413793103448 0

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456 -133.80058908462524 61 5.172413793103448 0

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464 -136.939218044281 61 5.172413793103448 0

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472 -142.73009276390076 61 5.172413793103448 0

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488 -151.87844920158386 61 5.172413793103448 0

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496 -153.80055212974548 61 5.172413793103448 0

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504 -157.50099229812622 61 5.172413793103448 0

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512 -159.08470273017883 61 5.172413793103448 0

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520 -160.68305826187134 61 5.172413793103448 0

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576 -207.91282653808594 61 5.172413793103448 0

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608 -215.0251748561859 61 5.172413793103448 0

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616 -216.58451509475708 61 5.172413793103448 0

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640 -223.9463233947754 61 5.172413793103448 0

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648 -225.80108213424683 61 5.172413793103448 0

7 26 61

656 -227.784362077713 61 5.172413793103448 0

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664 -229.98812627792358 61 5.172413793103448 0

14 21 61

672 -232.00160717964172 61 5.172413793103448 0

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680 -233.70737314224243 61 5.172413793103448 0

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712 -241.5995786190033 61 5.172413793103448 0

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1880 -510.99897933006287 61 5.172413793103448 0

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1904 -516.4236347675323 61 5.172413793103448 0

17 21 61

1912 -518.2015924453735 61 5.172413793103448 0

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1920 -520.1553235054016 61 5.172413793103448 0

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1928 -522.2485458850861 61 5.172413793103448 0

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1936 -524.403333902359 61 5.172413793103448 0

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yes 60

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1962 -527.122296333313 60 3.4482758620689653 0

1970 -527.3736259937286 60 3.4482758620689653 0

1978 -527.5850200653076 60 3.4482758620689653 0

1986 -527.7994463443756 60 3.4482758620689653 0

1994 -527.9949233531952 60 3.4482758620689653 0

2002 -528.2143363952637 60 3.4482758620689653 0

2010 -528.5653984546661 60 3.4482758620689653 0

2018 -528.8284468650818 58 0.0 0

final date： [0, 0, 7, 0, 16, 32, 22, 12, 10, 7, 22, 36, 14, 16, 43, 37, 12, 28, 31, 21, 22, 49, 28, 22, 46, 36, 37, 50, 53, 55, 55, 58]

finalduration： 58 opm 58 deviation 0.0 % time 528.85 s

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9 24 70

568 -53.451947927474976 70 1.4492753623188406 0

2 23 70

576 -56.117090940475464 70 1.4492753623188406 0

7 19 70

584 -58.75813937187195 70 1.4492753623188406 0

13 20 70

592 -61.28167462348938 70 1.4492753623188406 0

18 27 70

600 -63.918105602264404 70 1.4492753623188406 0

2 9 70

608 -66.21762704849243 70 1.4492753623188406 0

13 23 70

616 -69.03720903396606 70 1.4492753623188406 0

14 20 70

624 -71.47696495056152 70 1.4492753623188406 0

28 30 70

632 -74.39135408401489 70 1.4492753623188406 0

8 16 70

640 -77.01693916320801 70 1.4492753623188406 0

3 28 70

648 -79.77997016906738 70 1.4492753623188406 0

14 17 70

656 -82.203115940094 70 1.4492753623188406 0

14 25 70

664 -85.15344953536987 70 1.4492753623188406 0

22 25 70

672 -87.68157601356506 70 1.4492753623188406 0

18 27 70

680 -90.29446363449097 70 1.4492753623188406 0

4 15 70

688 -92.77661418914795 70 1.4492753623188406 0

9 25 70

696 -95.14044857025146 70 1.4492753623188406 0

4 14 70

704 -97.35620784759521 70 1.4492753623188406 0

20 23 70

712 -100.11944961547852 70 1.4492753623188406 0

2 5 70

720 -102.34258961677551 70 1.4492753623188406 0

6 24 70

728 -104.45009517669678 70 1.4492753623188406 0

16 30 70

736 -106.53297400474548 70 1.4492753623188406 0

27 30 70

744 -108.89760684967041 70 1.4492753623188406 0

10 18 70

752 -111.1512598991394 70 1.4492753623188406 0

12 20 70

760 -113.54193091392517 70 1.4492753623188406 0

15 29 70

768 -115.75213575363159 70 1.4492753623188406 0

11 23 70

776 -118.15400838851929 70 1.4492753623188406 0

4 27 70

784 -120.4264612197876 70 1.4492753623188406 0

27 29 70

792 -122.50861930847168 70 1.4492753623188406 0

4 29 70

800 -125.10569262504578 70 1.4492753623188406 0

2 10 70

808 -127.56755232810974 70 1.4492753623188406 0

18 20 70

816 -129.83433723449707 70 1.4492753623188406 0

21 23 70

824 -132.1397590637207 70 1.4492753623188406 0

8 18 70

832 -134.42135381698608 70 1.4492753623188406 0

21 30 70

840 -136.69646310806274 70 1.4492753623188406 0

17 29 70

848 -139.09881067276 70 1.4492753623188406 0

20 24 70

856 -141.34743523597717 70 1.4492753623188406 0

27 29 70

864 -143.55401587486267 70 1.4492753623188406 0

15 18 70

872 -145.59024262428284 70 1.4492753623188406 0

18 28 70

880 -147.69288659095764 70 1.4492753623188406 0

7 9 70

888 -149.79084992408752 69 0.0 0

final date： [0, 0, 8, 0, 5, 1, 5, 14, 27, 17, 35, 8, 20, 30, 45, 35, 51, 45, 20, 41, 59, 51, 52, 30, 59, 50, 59, 61, 68, 67, 62, 69]

finalduration： 69 opm 69 deviation 0.0 % time 149.81 s

j3025\_9.sm 84

8 -0.23514509201049805 88 4.761904761904762 0

16 -0.5214138031005859 88 4.761904761904762 0

24 -0.7593710422515869 88 4.761904761904762 0

32 -0.9937756061553955 88 4.761904761904762 0

40 -1.2257962226867676 88 4.761904761904762 0

48 -1.5100352764129639 88 4.761904761904762 0

56 -1.7922406196594238 88 4.761904761904762 0

64 -2.0525431632995605 87 3.571428571428571 0

72 -2.3018746376037598 87 3.571428571428571 0

80 -2.5705959796905518 87 3.571428571428571 0

88 -2.8069615364074707 87 3.571428571428571 0

96 -3.066270351409912 87 3.571428571428571 0

104 -3.3016369342803955 87 3.571428571428571 0

112 -3.541991710662842 87 3.571428571428571 0

120 -3.77795147895813 87 3.571428571428571 0

128 -4.062792539596558 87 3.571428571428571 0

136 -4.311637878417969 87 3.571428571428571 0

144 -4.555945873260498 87 3.571428571428571 0

152 -4.829215049743652 87 3.571428571428571 0

160 -5.119475841522217 87 3.571428571428571 0

168 -5.36082911491394 87 3.571428571428571 0

176 -5.663196563720703 86 2.380952380952381 0

184 -6.004282474517822 86 2.380952380952381 0

192 -6.254652738571167 86 2.380952380952381 0

200 -6.5269293785095215 86 2.380952380952381 0

208 -6.818676233291626 86 2.380952380952381 0

216 -7.068047046661377 86 2.380952380952381 0

224 -7.3662097454071045 86 2.380952380952381 0

232 -7.604607343673706 86 2.380952380952381 0

240 -7.857891082763672 86 2.380952380952381 0

248 -8.117234468460083 86 2.380952380952381 0

256 -8.348616123199463 86 2.380952380952381 0

264 -8.636081457138062 86 2.380952380952381 0

272 -8.927301168441772 86 2.380952380952381 0

280 -9.194624185562134 86 2.380952380952381 0

288 -9.445478916168213 86 2.380952380952381 0

296 -9.688388586044312 86 2.380952380952381 0

304 -9.911752700805664 86 2.380952380952381 0

312 -10.144179344177246 86 2.380952380952381 0

320 -10.403472900390625 86 2.380952380952381 0

328 -10.635621309280396 86 2.380952380952381 0

336 -10.8699951171875 86 2.380952380952381 0

344 -11.104357957839966 86 2.380952380952381 0

352 -11.331798315048218 86 2.380952380952381 0

360 -11.561174392700195 86 2.380952380952381 0

368 -11.794033288955688 86 2.380952380952381 0

376 -12.061353206634521 86 2.380952380952381 0

384 -12.301671504974365 86 2.380952380952381 0

392 -12.611433744430542 86 2.380952380952381 0

400 -12.847801685333252 86 2.380952380952381 0

408 -13.134032487869263 86 2.380952380952381 0

416 -13.3610258102417 85 1.1904761904761905 0

424 -13.63339877128601 85 1.1904761904761905 0

432 -13.885920286178589 85 1.1904761904761905 0

440 -14.197121381759644 85 1.1904761904761905 0

448 -14.432491540908813 85 1.1904761904761905 0

456 -14.659141778945923 85 1.1904761904761905 0

464 -14.903107643127441 85 1.1904761904761905 0

472 -15.135233402252197 85 1.1904761904761905 0

480 -15.372213363647461 85 1.1904761904761905 0

488 -15.60949993133545 85 1.1904761904761905 0

496 -15.846898555755615 85 1.1904761904761905 0

504 -16.083903789520264 85 1.1904761904761905 0

512 -16.319274425506592 85 1.1904761904761905 0

520 -16.56058931350708 85 1.1904761904761905 0

528 -16.823882341384888 85 1.1904761904761905 0

536 -17.114105939865112 85 1.1904761904761905 0

544 -17.342529773712158 85 1.1904761904761905 0

552 -17.581889152526855 85 1.1904761904761905 0

560 -17.8601016998291 85 1.1904761904761905 0

568 -18.13939094543457 85 1.1904761904761905 0

576 -18.365784645080566 85 1.1904761904761905 0

584 -18.61663794517517 85 1.1904761904761905 0

592 -18.872140407562256 85 1.1904761904761905 0

600 -19.1443829536438 85 1.1904761904761905 0

608 -19.4361355304718 85 1.1904761904761905 0

616 -19.68849754333496 85 1.1904761904761905 0

624 -19.93682885169983 85 1.1904761904761905 0

632 -20.196513414382935 85 1.1904761904761905 0

640 -20.464126348495483 85 1.1904761904761905 0

648 -20.73833656311035 85 1.1904761904761905 0

656 -20.986634492874146 85 1.1904761904761905 0

17 23 85

664 -23.0507550239563 85 1.1904761904761905 0

19 21 85

672 -25.556914806365967 85 1.1904761904761905 0

6 25 85

680 -27.6855149269104 85 1.1904761904761905 0

4 13 85

688 -29.598372220993042 85 1.1904761904761905 0

16 27 85

696 -31.864790201187134 85 1.1904761904761905 0

7 17 85

704 -33.87884759902954 85 1.1904761904761905 0

20 22 85

712 -35.77075743675232 85 1.1904761904761905 0

13 26 85

720 -37.718092918395996 85 1.1904761904761905 0

11 21 85

728 -39.895456314086914 85 1.1904761904761905 0

5 26 85

736 -42.16044998168945 85 1.1904761904761905 0

6 27 85

744 -44.30406212806702 85 1.1904761904761905 0

25 29 84

yes 84

754 -46.311867475509644 84 0.0 0

final date： [0, 0, 7, 1, 7, 18, 22, 14, 1, 14, 22, 37, 23, 48, 23, 28, 32, 56, 27, 27, 37, 31, 46, 50, 46, 46, 66, 56, 72, 64, 80, 84]

finalduration： 84 opm 84 deviation 0.0 % time 46.35 s

j3026\_1.sm 59

8 -0.15558266639709473 59 0.0 0

final date： [0, 0, 9, 0, 9, 15, 11, 23, 12, 15, 15, 23, 29, 15, 34, 23, 32, 45, 32, 46, 48, 38, 38, 45, 25, 29, 52, 40, 52, 46, 54, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.17 s

j3026\_10.sm 49

8 -0.14560937881469727 52 6.122448979591836 0

16 -0.38101696968078613 52 6.122448979591836 0

24 -0.6163496971130371 52 6.122448979591836 0

32 -0.8816382884979248 52 6.122448979591836 0

40 -1.042245864868164 50 2.0408163265306123 0

48 -1.1876482963562012 49 0.0 0

final date： [0, 0, 0, 0, 9, 3, 9, 7, 14, 11, 36, 23, 23, 13, 20, 3, 27, 6, 17, 28, 6, 27, 26, 37, 33, 41, 33, 37, 43, 47, 43, 49]

finalduration： 49 opm 49 deviation 0.0 % time 1.2 s

j3026\_2.sm 40

final date： [0, 0, 0, 0, 4, 3, 5, 6, 7, 9, 9, 7, 15, 9, 16, 3, 6, 18, 17, 11, 9, 13, 24, 23, 21, 18, 30, 18, 33, 31, 28, 40]

finalduration： 40 opm 40 deviation 0.0 % time 0.01 s

j3026\_3.sm 58

final date： [0, 0, 3, 0, 2, 3, 8, 10, 15, 15, 24, 25, 15, 20, 21, 33, 32, 30, 44, 41, 22, 51, 32, 42, 41, 45, 8, 52, 52, 56, 52, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3026\_4.sm 62

8 -0.17955589294433594 62 0.0 0

final date： [0, 5, 0, 0, 1, 29, 10, 1, 5, 10, 20, 20, 23, 26, 36, 27, 20, 12, 32, 20, 36, 34, 42, 37, 16, 44, 37, 42, 50, 52, 52, 62]

finalduration： 62 opm 62 deviation 0.0 % time 0.2 s

j3026\_5.sm 74

8 -0.21342873573303223 74 0.0 0

final date： [0, 0, 0, 0, 3, 10, 19, 10, 18, 3, 6, 18, 21, 31, 24, 27, 24, 35, 31, 35, 27, 41, 43, 35, 43, 46, 41, 56, 56, 48, 65, 74]

finalduration： 74 opm 74 deviation 0.0 % time 0.23 s

j3026\_6.sm 53

8 -0.15255188941955566 54 1.8867924528301887 0

16 -0.3131217956542969 54 1.8867924528301887 0

24 -0.4847888946533203 54 1.8867924528301887 0

32 -0.6812551021575928 54 1.8867924528301887 0

40 -0.8687520027160645 54 1.8867924528301887 0

48 -1.0383179187774658 54 1.8867924528301887 0

56 -1.2179136276245117 54 1.8867924528301887 0

64 -1.4173800945281982 54 1.8867924528301887 0

72 -1.7085978984832764 54 1.8867924528301887 0

80 -1.9250590801239014 54 1.8867924528301887 0

88 -2.146426200866699 54 1.8867924528301887 0

96 -2.4308645725250244 54 1.8867924528301887 0

104 -2.6861798763275146 54 1.8867924528301887 0

112 -2.874673843383789 54 1.8867924528301887 0

120 -3.0641682147979736 54 1.8867924528301887 0

128 -3.3195202350616455 54 1.8867924528301887 0

136 -3.495591163635254 54 1.8867924528301887 0

144 -3.675112009048462 54 1.8867924528301887 0

152 -3.895519256591797 54 1.8867924528301887 0

160 -4.120916366577148 54 1.8867924528301887 0

168 -4.295488119125366 54 1.8867924528301887 0

176 -4.450070381164551 54 1.8867924528301887 0

184 -4.689391851425171 54 1.8867924528301887 0

192 -4.8469696044921875 54 1.8867924528301887 0

200 -5.020504474639893 54 1.8867924528301887 0

208 -5.215981960296631 54 1.8867924528301887 0

216 -5.4123969078063965 54 1.8867924528301887 0

224 -5.579638481140137 54 1.8867924528301887 0

232 -5.798107862472534 54 1.8867924528301887 0

240 -5.958668231964111 54 1.8867924528301887 0

248 -6.114250421524048 54 1.8867924528301887 0

6 13 54

256 -7.814220666885376 54 1.8867924528301887 0

9 28 54

264 -9.496091604232788 54 1.8867924528301887 0

16 28 54

272 -10.93452262878418 54 1.8867924528301887 0

6 29 53

yes 53

282 -12.330029249191284 53 0.0 0

final date： [0, 0, 0, 0, 4, 7, 14, 19, 32, 7, 7, 16, 16, 16, 27, 40, 22, 32, 33, 33, 37, 40, 18, 42, 27, 42, 44, 44, 45, 46, 45, 53]

finalduration： 53 opm 53 deviation 0.0 % time 12.35 s

j3026\_7.sm 56

final date： [0, 0, 0, 0, 8, 14, 14, 18, 9, 27, 38, 31, 31, 16, 31, 24, 47, 18, 17, 36, 21, 38, 33, 40, 38, 41, 49, 45, 46, 51, 49, 56]

finalduration： 56 opm 56 deviation 0.0 % time 0.01 s

j3026\_8.sm 66

8 -0.256211519241333 66 0.0 0

final date： [0, 0, 0, 0, 2, 32, 2, 10, 15, 1, 9, 11, 18, 13, 28, 13, 22, 15, 32, 11, 26, 37, 26, 37, 36, 41, 45, 51, 56, 19, 47, 66]

finalduration： 66 opm 66 deviation 0.0 % time 0.29 s

j3026\_9.sm 43

final date： [0, 0, 14, 0, 17, 7, 10, 14, 19, 10, 20, 18, 25, 23, 20, 34, 28, 28, 23, 31, 23, 30, 34, 30, 35, 33, 33, 36, 42, 40, 36, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.01 s

j3027\_1.sm 43

8 -0.14115619659423828 43 0.0 0

final date： [0, 4, 0, 0, 10, 6, 4, 7, 7, 7, 19, 21, 16, 16, 24, 16, 26, 28, 24, 25, 16, 35, 23, 25, 33, 38, 36, 30, 39, 38, 32, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.15 s

j3027\_10.sm 62

final date： [0, 0, 0, 0, 7, 11, 3, 3, 7, 12, 17, 17, 16, 16, 6, 10, 25, 35, 17, 7, 17, 19, 21, 24, 40, 44, 44, 53, 52, 28, 58, 62]

finalduration： 62 opm 62 deviation 0.0 % time 0.01 s

j3027\_2.sm 58

final date： [0, 0, 0, 0, 2, 9, 9, 3, 16, 22, 2, 13, 16, 30, 32, 23, 7, 8, 12, 20, 20, 20, 19, 30, 42, 22, 30, 28, 38, 49, 40, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3027\_3.sm 60

final date： [0, 0, 0, 0, 1, 1, 7, 9, 7, 13, 5, 8, 17, 7, 16, 6, 17, 8, 7, 17, 20, 19, 27, 23, 13, 17, 32, 42, 27, 52, 32, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3027\_4.sm 64

final date： [0, 39, 0, 11, 5, 13, 48, 15, 18, 16, 34, 20, 22, 30, 21, 45, 47, 49, 31, 55, 30, 42, 38, 43, 52, 57, 60, 52, 59, 54, 63, 64]

finalduration： 64 opm 64 deviation 0.0 % time 0.01 s

j3027\_5.sm 49

final date： [0, 0, 6, 0, 9, 9, 9, 19, 19, 12, 19, 24, 27, 14, 20, 25, 20, 10, 28, 28, 30, 33, 37, 33, 30, 38, 38, 40, 46, 39, 40, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.01 s

j3027\_6.sm 59

final date： [0, 24, 0, 0, 3, 3, 5, 9, 15, 18, 26, 10, 33, 17, 22, 30, 15, 25, 44, 22, 38, 29, 32, 34, 31, 31, 44, 43, 47, 43, 49, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j3027\_7.sm 49

8 -0.21143484115600586 49 0.0 0

final date： [0, 0, 0, 0, 9, 7, 7, 10, 14, 7, 20, 20, 17, 22, 14, 8, 29, 17, 32, 23, 26, 24, 20, 29, 33, 34, 42, 23, 38, 42, 48, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.24 s

j3027\_8.sm 66

final date： [0, 5, 5, 0, 4, 52, 12, 28, 24, 11, 19, 21, 26, 27, 29, 22, 34, 46, 20, 33, 25, 32, 40, 41, 60, 50, 53, 55, 58, 57, 63, 66]

finalduration： 66 opm 66 deviation 0.0 % time 0.01 s

j3027\_9.sm 55

final date： [0, 0, 0, 0, 6, 27, 10, 16, 13, 8, 25, 16, 26, 13, 28, 20, 26, 6, 33, 22, 33, 26, 13, 33, 23, 33, 43, 37, 47, 43, 51, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j3028\_1.sm 69

final date： [0, 0, 0, 0, 9, 9, 17, 17, 21, 1, 20, 13, 21, 30, 24, 4, 30, 35, 17, 30, 42, 38, 31, 42, 32, 50, 50, 21, 59, 35, 59, 69]

finalduration： 69 opm 69 deviation 0.0 % time 0.01 s

j3028\_10.sm 59

final date： [0, 0, 0, 0, 5, 3, 5, 3, 5, 14, 13, 5, 6, 24, 7, 15, 9, 13, 20, 24, 20, 24, 15, 30, 36, 30, 30, 43, 43, 52, 37, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j3028\_2.sm 57

final date： [0, 0, 0, 0, 3, 1, 5, 7, 3, 17, 10, 1, 7, 21, 30, 32, 30, 19, 30, 17, 38, 26, 32, 7, 24, 24, 38, 47, 3, 32, 50, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3028\_3.sm 40

final date： [0, 0, 0, 0, 8, 9, 2, 12, 17, 8, 2, 2, 11, 17, 19, 11, 18, 19, 17, 12, 17, 27, 18, 27, 24, 31, 27, 35, 37, 12, 19, 40]

finalduration： 40 opm 40 deviation 0.0 % time 0.01 s

j3028\_4.sm 49

final date： [0, 0, 0, 0, 8, 6, 14, 8, 8, 20, 22, 8, 14, 22, 14, 6, 26, 26, 22, 15, 18, 18, 29, 32, 26, 26, 32, 40, 35, 44, 36, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.01 s

j3028\_5.sm 73

final date： [0, 0, 0, 0, 9, 9, 16, 10, 10, 18, 10, 26, 29, 27, 8, 13, 37, 37, 27, 31, 18, 43, 24, 31, 52, 56, 66, 43, 45, 70, 56, 73]

finalduration： 73 opm 73 deviation 0.0 % time 0.01 s

j3028\_6.sm 55

final date： [0, 0, 0, 0, 5, 12, 17, 5, 12, 17, 25, 25, 29, 15, 29, 5, 38, 25, 12, 38, 25, 33, 38, 47, 44, 29, 44, 48, 50, 53, 17, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j3028\_7.sm 48

final date： [0, 0, 0, 0, 8, 9, 9, 11, 13, 13, 13, 7, 13, 19, 21, 21, 9, 21, 22, 15, 14, 24, 28, 29, 23, 25, 29, 33, 33, 42, 37, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j3028\_8.sm 53

final date： [0, 0, 0, 0, 7, 2, 11, 2, 11, 21, 21, 2, 11, 18, 27, 7, 2, 31, 9, 34, 23, 31, 20, 9, 32, 31, 35, 40, 37, 42, 47, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3028\_9.sm 62

final date： [0, 0, 0, 0, 6, 8, 7, 15, 15, 10, 8, 25, 25, 25, 6, 17, 17, 18, 7, 28, 33, 28, 33, 33, 39, 33, 41, 45, 43, 39, 54, 62]

finalduration： 62 opm 62 deviation 0.0 % time 0.01 s

j3029\_1.sm 85

8 -0.2971642017364502 94 10.588235294117647 0

16 -0.561697244644165 92 8.235294117647058 0

24 -0.8599004745483398 91 7.0588235294117645 0

32 -1.1437153816223145 91 7.0588235294117645 0

40 -1.5516235828399658 90 5.88235294117647 0

48 -1.8597962856292725 89 4.705882352941177 0

56 -2.119676351547241 89 4.705882352941177 0

64 -2.438500165939331 89 4.705882352941177 0

72 -2.7675063610076904 89 4.705882352941177 0

80 -3.0388171672821045 89 4.705882352941177 0

88 -3.3449604511260986 89 4.705882352941177 0

96 -3.6641035079956055 89 4.705882352941177 0

104 -4.062967538833618 89 4.705882352941177 0

112 -4.451922416687012 87 2.3529411764705883 0

120 -4.8179872035980225 87 2.3529411764705883 0

128 -5.103851556777954 87 2.3529411764705883 0

136 -5.455868721008301 87 2.3529411764705883 0

144 -5.765077829360962 87 2.3529411764705883 0

152 -6.014408588409424 87 2.3529411764705883 0

160 -6.276715040206909 87 2.3529411764705883 0

168 -6.545985221862793 87 2.3529411764705883 0

176 -6.7981836795806885 87 2.3529411764705883 0

184 -7.055297136306763 87 2.3529411764705883 0

192 -7.480749845504761 87 2.3529411764705883 0

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24 -0.9096980094909668 93 3.3333333333333335 0

32 -1.3255860805511475 93 3.3333333333333335 0

40 -1.723520278930664 93 3.3333333333333335 0

48 -2.1785166263580322 93 3.3333333333333335 0

56 -2.4856951236724854 93 3.3333333333333335 0

64 -2.8048431873321533 93 3.3333333333333335 0

72 -3.24261736869812 93 3.3333333333333335 0

80 -3.618818998336792 93 3.3333333333333335 0

88 -4.034712791442871 93 3.3333333333333335 0

96 -4.294012546539307 93 3.3333333333333335 0

104 -4.663986444473267 93 3.3333333333333335 0

112 -5.062408208847046 92 2.2222222222222223 0

120 -5.494143962860107 92 2.2222222222222223 0

128 -5.912565469741821 92 2.2222222222222223 0

136 -6.227279186248779 92 2.2222222222222223 0

144 -6.579339265823364 92 2.2222222222222223 0

152 -6.862580299377441 92 2.2222222222222223 0

160 -7.146821737289429 92 2.2222222222222223 0

168 -7.434091806411743 92 2.2222222222222223 0

176 -7.718292236328125 92 2.2222222222222223 0

184 -7.982585430145264 92 2.2222222222222223 0

192 -8.251837491989136 92 2.2222222222222223 0

200 -8.528677940368652 92 2.2222222222222223 0

208 -8.780573606491089 91 1.1111111111111112 0

216 -9.047821521759033 91 1.1111111111111112 0

224 -9.487645387649536 91 1.1111111111111112 0

232 -9.759536266326904 91 1.1111111111111112 0

240 -10.175940036773682 91 1.1111111111111112 0

248 -10.430222511291504 91 1.1111111111111112 0

256 -10.702530860900879 91 1.1111111111111112 0

264 -11.002451419830322 91 1.1111111111111112 0

272 -11.263716697692871 91 1.1111111111111112 0

280 -11.535226583480835 91 1.1111111111111112 0

288 -11.870495796203613 91 1.1111111111111112 0

296 -12.19060230255127 91 1.1111111111111112 0

304 -12.492831707000732 91 1.1111111111111112 0

312 -12.77209186553955 91 1.1111111111111112 0

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328 -13.314637899398804 91 1.1111111111111112 0

336 -13.584917783737183 91 1.1111111111111112 0

344 -13.91297459602356 91 1.1111111111111112 0

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432 -17.20631504058838 91 1.1111111111111112 0

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20 22 91

456 -19.8642315864563 91 1.1111111111111112 0

9 22 91

464 -21.947554111480713 91 1.1111111111111112 0

24 30 91

472 -24.218886852264404 91 1.1111111111111112 0

22 30 91

480 -26.799154043197632 91 1.1111111111111112 0

2 25 91

488 -30.17458438873291 91 1.1111111111111112 0

19 21 91

496 -35.817298889160156 91 1.1111111111111112 0

14 27 91

504 -40.14054226875305 91 1.1111111111111112 0

23 26 91

512 -42.882490158081055 91 1.1111111111111112 0

14 22 91

520 -45.33775019645691 91 1.1111111111111112 0

14 29 91

528 -51.60225176811218 91 1.1111111111111112 0

18 30 91

536 -54.309266567230225 91 1.1111111111111112 0

12 28 91

544 -56.764721632003784 91 1.1111111111111112 0

21 23 91

552 -59.03417372703552 91 1.1111111111111112 0

3 30 91

560 -61.39686059951782 91 1.1111111111111112 0

23 29 91

568 -63.969101428985596 91 1.1111111111111112 0

11 17 91

576 -66.77338552474976 91 1.1111111111111112 0

20 30 91

584 -69.4656708240509 91 1.1111111111111112 0

16 24 91

592 -72.29618859291077 90 0.0 0

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finalduration： 90 opm 90 deviation 0.0 % time 72.33 s

j3029\_3.sm 78

8 -0.24035954475402832 85 8.974358974358974 0

16 -0.4777250289916992 85 8.974358974358974 0

24 -0.7143492698669434 85 8.974358974358974 0

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40 -1.1771118640899658 81 3.8461538461538463 0

48 -1.4137458801269531 81 3.8461538461538463 0

56 -1.6571340560913086 81 3.8461538461538463 0

64 -1.8950109481811523 81 3.8461538461538463 0

72 -2.141396999359131 81 3.8461538461538463 0

80 -3.180819272994995 81 3.8461538461538463 0

88 -4.94506049156189 81 3.8461538461538463 0

96 -5.478634357452393 81 3.8461538461538463 0

104 -5.998125076293945 81 3.8461538461538463 0

112 -6.422653913497925 80 2.564102564102564 0

120 -6.799720048904419 80 2.564102564102564 0

128 -7.179667711257935 80 2.564102564102564 0

136 -7.491870880126953 80 2.564102564102564 0

144 -7.860661506652832 80 2.564102564102564 0

152 -8.182113885879517 79 1.282051282051282 0

160 -8.443456888198853 79 1.282051282051282 0

168 -8.686475276947021 79 1.282051282051282 0

176 -8.917466163635254 79 1.282051282051282 0

184 -9.167760133743286 79 1.282051282051282 0

192 -9.429060459136963 79 1.282051282051282 0

200 -9.682420015335083 79 1.282051282051282 0

208 -9.918800830841064 79 1.282051282051282 0

216 -10.154165029525757 79 1.282051282051282 0

224 -10.380563735961914 79 1.282051282051282 0

232 -10.61293363571167 79 1.282051282051282 0

240 -10.84044623374939 79 1.282051282051282 0

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256 -11.334633111953735 79 1.282051282051282 0

264 -11.564021348953247 79 1.282051282051282 0

272 -11.797405481338501 79 1.282051282051282 0

280 -12.01681399345398 79 1.282051282051282 0

288 -12.346928119659424 79 1.282051282051282 0

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312 -13.13405704498291 79 1.282051282051282 0

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328 -13.603756189346313 79 1.282051282051282 0

336 -13.839929342269897 79 1.282051282051282 0

344 -14.11323595046997 79 1.282051282051282 0

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360 -14.620842456817627 79 1.282051282051282 0

368 -15.849432945251465 79 1.282051282051282 0

376 -16.797069787979126 79 1.282051282051282 0

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392 -17.49457597732544 79 1.282051282051282 0

4 19 81

400 -20.67365598678589 79 1.282051282051282 0

15 25 79

408 -23.949289321899414 79 1.282051282051282 0

24 28 79

416 -29.280211448669434 79 1.282051282051282 0

9 17 79

424 -31.297152519226074 79 1.282051282051282 0

1 5 79

432 -33.42454195022583 79 1.282051282051282 0

21 23 79

440 -35.4912326335907 79 1.282051282051282 0

21 29 79

448 -40.98099064826965 79 1.282051282051282 0

23 26 79

456 -44.06787371635437 79 1.282051282051282 0

17 25 79

464 -49.206459283828735 79 1.282051282051282 0

14 16 79

472 -51.48614263534546 79 1.282051282051282 0

4 16 79

480 -54.09697246551514 79 1.282051282051282 0

7 20 79

488 -56.59760856628418 79 1.282051282051282 0

9 25 79

496 -59.22884702682495 79 1.282051282051282 0

18 29 79

504 -62.21280646324158 79 1.282051282051282 0

17 26 79

512 -65.08022713661194 79 1.282051282051282 0

25 29 79

520 -67.27620148658752 79 1.282051282051282 0

1 4 79

528 -69.72775721549988 79 1.282051282051282 0

17 22 79

536 -72.31970882415771 79 1.282051282051282 0

8 24 79

544 -74.98016571998596 79 1.282051282051282 0

26 28 79

552 -77.46393918991089 79 1.282051282051282 0

12 15 79

560 -79.93460583686829 79 1.282051282051282 0

3 13 79

568 -82.14664435386658 79 1.282051282051282 0

27 29 79

576 -84.73762345314026 79 1.282051282051282 0

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584 -87.11338806152344 79 1.282051282051282 0

5 20 79

592 -89.78829717636108 79 1.282051282051282 0

7 18 79

600 -92.45071053504944 79 1.282051282051282 0

3 9 79

608 -94.80407762527466 79 1.282051282051282 0

27 30 79

616 -97.1851716041565 79 1.282051282051282 0

5 25 79

624 -99.915780544281 79 1.282051282051282 0

12 25 79

632 -102.47309851646423 79 1.282051282051282 0

23 27 79

640 -104.8800835609436 79 1.282051282051282 0

14 18 79

648 -107.27311253547668 79 1.282051282051282 0

21 23 79

656 -109.46729326248169 79 1.282051282051282 0

10 25 79

664 -112.79922676086426 79 1.282051282051282 0

15 22 79

672 -115.77993488311768 79 1.282051282051282 0

24 30 79

680 -118.35417580604553 79 1.282051282051282 0

23 26 79

688 -120.7067723274231 79 1.282051282051282 0

19 28 79

696 -123.14663076400757 79 1.282051282051282 0

25 30 79

704 -125.94429159164429 79 1.282051282051282 0

18 26 78

yes 78

714 -128.66786885261536 78 0.0 0

final date： [0, 0, 0, 24, 6, 12, 23, 14, 6, 17, 31, 20, 40, 54, 24, 14, 52, 41, 43, 42, 33, 58, 57, 65, 51, 47, 68, 66, 60, 68, 71, 78]

finalduration： 78 opm 78 deviation 0.0 % time 128.7 s

j3029\_4.sm 103

8 -0.40825939178466797 108 4.854368932038835 0

16 -0.8138039112091064 107 3.8834951456310676 0

24 -1.176832914352417 105 1.9417475728155338 0

32 -1.5298867225646973 105 1.9417475728155338 0

40 -1.90787672996521 105 1.9417475728155338 0

48 -2.291588544845581 105 1.9417475728155338 0

56 -2.663276195526123 105 1.9417475728155338 0

64 -3.187875509262085 105 1.9417475728155338 0

72 -3.7984390258789062 105 1.9417475728155338 0

80 -4.168452024459839 105 1.9417475728155338 0

88 -4.549432754516602 105 1.9417475728155338 0

96 -5.093594074249268 105 1.9417475728155338 0

104 -5.455627918243408 105 1.9417475728155338 0

112 -5.93601655960083 105 1.9417475728155338 0

120 -6.299047470092773 105 1.9417475728155338 0

128 -6.656662702560425 105 1.9417475728155338 0

136 -7.016700744628906 104 0.9708737864077669 0

144 -7.4585185050964355 104 0.9708737864077669 0

152 -7.816082954406738 104 0.9708737864077669 0

160 -8.199668407440186 104 0.9708737864077669 0

168 -8.62165355682373 104 0.9708737864077669 0

176 -9.06845736503601 104 0.9708737864077669 0

184 -9.48546290397644 104 0.9708737864077669 0

192 -9.917815923690796 104 0.9708737864077669 0

200 -10.277853012084961 104 0.9708737864077669 0

208 -10.625922203063965 104 0.9708737864077669 0

216 -11.056770324707031 104 0.9708737864077669 0

224 -11.467673063278198 104 0.9708737864077669 0

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240 -12.373111963272095 104 0.9708737864077669 0

248 -12.728160619735718 104 0.9708737864077669 0

256 -13.131083250045776 104 0.9708737864077669 0

264 -13.50209355354309 104 0.9708737864077669 0

272 -13.879083156585693 104 0.9708737864077669 0

280 -14.265056610107422 104 0.9708737864077669 0

288 -14.772489309310913 104 0.9708737864077669 0

296 -15.182974576950073 104 0.9708737864077669 0

304 -15.538025140762329 104 0.9708737864077669 0

312 -16.018855810165405 104 0.9708737864077669 0

320 -16.445712566375732 104 0.9708737864077669 0

328 -16.851627111434937 104 0.9708737864077669 0

336 -17.268837451934814 104 0.9708737864077669 0

344 -17.73379397392273 104 0.9708737864077669 0

352 -18.168631315231323 104 0.9708737864077669 0

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368 -19.16181492805481 104 0.9708737864077669 0

376 -19.688408613204956 104 0.9708737864077669 0

9 12 104

384 -23.00567865371704 104 0.9708737864077669 0

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392 -26.20741868019104 104 0.9708737864077669 0

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400 -29.361186742782593 104 0.9708737864077669 0

3 26 104

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8 21 104

416 -35.91262102127075 104 0.9708737864077669 0

11 13 104

424 -39.01597213745117 104 0.9708737864077669 0

14 19 104

432 -42.11716365814209 104 0.9708737864077669 0

3 24 104

440 -45.377662897109985 104 0.9708737864077669 0

27 30 104

448 -48.76449465751648 104 0.9708737864077669 0

2 15 104

456 -51.656697273254395 104 0.9708737864077669 0

18 27 104

464 -55.09535360336304 104 0.9708737864077669 0

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472 -57.93506908416748 104 0.9708737864077669 0

2 17 104

480 -60.95477056503296 104 0.9708737864077669 0

10 14 104

488 -64.09213852882385 104 0.9708737864077669 0

25 29 104

496 -67.22248578071594 104 0.9708737864077669 0

11 15 104

504 -70.60100293159485 104 0.9708737864077669 0

1 30 104

512 -74.04905652999878 104 0.9708737864077669 0

25 29 104

520 -77.3995714187622 104 0.9708737864077669 0

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536 -83.81642937660217 104 0.9708737864077669 0

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544 -86.8689296245575 104 0.9708737864077669 0

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552 -89.8666570186615 104 0.9708737864077669 0

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560 -92.80145072937012 104 0.9708737864077669 0

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576 -98.54796099662781 104 0.9708737864077669 0

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592 -104.17776584625244 104 0.9708737864077669 0

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624 -117.25108122825623 104 0.9708737864077669 0

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632 -120.39277219772339 104 0.9708737864077669 0

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648 -126.84019708633423 104 0.9708737864077669 0

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664 -133.13308668136597 104 0.9708737864077669 0

5 16 104

672 -136.85390782356262 104 0.9708737864077669 0

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704 -150.66256833076477 104 0.9708737864077669 0

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712 -153.95774936676025 104 0.9708737864077669 0

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720 -158.89034461975098 104 0.9708737864077669 0

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736 -175.15155458450317 104 0.9708737864077669 0

1 3 104

744 -180.2358775138855 104 0.9708737864077669 0

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752 -187.0750093460083 104 0.9708737864077669 0

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760 -190.44124269485474 104 0.9708737864077669 0

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768 -193.80247116088867 104 0.9708737864077669 0

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776 -197.40096759796143 104 0.9708737864077669 0

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8 21 104

792 -209.27171564102173 104 0.9708737864077669 0

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808 -216.29275846481323 104 0.9708737864077669 0

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816 -219.43078637123108 104 0.9708737864077669 0

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832 -226.39335894584656 104 0.9708737864077669 0

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1016 -344.43576288223267 104 0.9708737864077669 0

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finalduration： 99 opm 98 deviation 1.02 % time 1829.86 s

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544 -79.27706408500671 99 2.0618556701030926 0

18 21 99

552 -81.77004718780518 99 2.0618556701030926 0

11 29 99

560 -84.80778074264526 99 2.0618556701030926 0

24 27 99

568 -87.476313829422 99 2.0618556701030926 0

12 21 99

576 -90.19921588897705 99 2.0618556701030926 0

9 13 99

584 -92.99795532226562 99 2.0618556701030926 0

12 23 99

592 -96.11452054977417 99 2.0618556701030926 0

17 22 99

600 -99.20998620986938 99 2.0618556701030926 0

13 18 99

608 -102.16499519348145 99 2.0618556701030926 0

18 20 99

616 -104.68654131889343 99 2.0618556701030926 0

1 12 99

624 -107.07614636421204 99 2.0618556701030926 0

14 27 99

632 -110.1314308643341 99 2.0618556701030926 0

7 16 99

640 -112.98635864257812 99 2.0618556701030926 0

8 19 99

648 -115.60314512252808 99 2.0618556701030926 0

25 30 99

656 -118.28534030914307 99 2.0618556701030926 0

13 26 99

664 -120.83106970787048 99 2.0618556701030926 0

16 27 99

672 -123.64310359954834 99 2.0618556701030926 0

27 29 99

680 -126.50105309486389 99 2.0618556701030926 0

18 21 99

688 -129.11815667152405 99 2.0618556701030926 0

5 16 99

696 -131.84945225715637 99 2.0618556701030926 0

5 13 99

704 -134.2715301513672 99 2.0618556701030926 0

22 25 99

712 -137.00410914421082 99 2.0618556701030926 0

2 15 99

720 -139.8177568912506 99 2.0618556701030926 0

15 26 99

728 -142.37827396392822 99 2.0618556701030926 0

2 18 99

736 -145.08479070663452 99 2.0618556701030926 0

7 17 99

744 -147.55605745315552 99 2.0618556701030926 0

19 28 99

752 -150.52540850639343 99 2.0618556701030926 0

13 21 99

760 -153.14016318321228 99 2.0618556701030926 0

21 25 99

768 -155.67439579963684 99 2.0618556701030926 0

21 30 99

776 -158.13300395011902 99 2.0618556701030926 0

25 29 99

784 -160.87980556488037 99 2.0618556701030926 0

2 20 99

792 -164.5662064552307 99 2.0618556701030926 0

11 23 99

800 -167.5506455898285 99 2.0618556701030926 0

8 14 99

808 -170.95788145065308 99 2.0618556701030926 0

23 29 99

816 -174.07231092453003 99 2.0618556701030926 0

23 25 99

824 -177.19104027748108 99 2.0618556701030926 0

12 16 99

832 -180.01060843467712 99 2.0618556701030926 0

17 21 99

840 -183.32162308692932 99 2.0618556701030926 0

17 30 99

848 -186.3806974887848 99 2.0618556701030926 0

10 19 99

856 -189.155375957489 99 2.0618556701030926 0

19 28 99

864 -192.43112063407898 99 2.0618556701030926 0

19 26 99

872 -195.771338224411 99 2.0618556701030926 0

20 22 99

880 -198.3807716369629 99 2.0618556701030926 0

25 28 99

888 -201.267840385437 99 2.0618556701030926 0

23 25 99

896 -204.54091143608093 99 2.0618556701030926 0

20 24 99

904 -207.24305891990662 99 2.0618556701030926 0

25 28 99

912 -210.5141520500183 97 0.0 0

final date： [0, 4, 0, 0, 22, 31, 27, 4, 12, 62, 65, 36, 12, 52, 44, 17, 22, 75, 38, 38, 52, 68, 56, 75, 27, 84, 44, 84, 94, 90, 96, 97]

finalduration： 97 opm 97 deviation 0.0 % time 210.55 s

j302\_1.sm 38

8 -0.10870814323425293 41 7.894736842105263 0

16 -0.21638226509094238 38 0.0 0

final date： [0, 0, 0, 0, 6, 2, 5, 2, 2, 6, 17, 14, 7, 9, 9, 21, 7, 21, 17, 6, 21, 25, 25, 11, 30, 16, 23, 28, 28, 37, 36, 38]

finalduration： 38 opm 38 deviation 0.0 % time 0.23 s

j302\_10.sm 43

final date： [0, 0, 6, 0, 8, 10, 6, 11, 10, 7, 8, 15, 7, 12, 12, 8, 10, 15, 10, 27, 12, 22, 24, 17, 21, 22, 29, 30, 34, 40, 32, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.01 s

j302\_2.sm 51

8 -0.21051406860351562 56 9.803921568627452 0

16 -0.4668285846710205 51 0.0 0

final date： [0, 4, 3, 0, 5, 21, 8, 7, 10, 16, 32, 13, 17, 41, 17, 11, 33, 12, 18, 24, 25, 39, 37, 42, 30, 18, 34, 32, 22, 41, 45, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.49 s

j302\_3.sm 43

final date： [0, 11, 0, 2, 19, 4, 11, 29, 25, 4, 34, 17, 26, 24, 11, 25, 32, 18, 14, 34, 24, 29, 21, 24, 36, 30, 31, 28, 40, 33, 35, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.01 s

j302\_4.sm 43

final date： [0, 0, 0, 0, 2, 9, 16, 16, 8, 22, 9, 8, 2, 12, 14, 9, 22, 9, 16, 24, 9, 31, 14, 27, 19, 29, 15, 20, 34, 34, 42, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.01 s

j302\_5.sm 51

final date： [0, 0, 0, 0, 2, 3, 13, 13, 15, 25, 13, 15, 18, 15, 15, 15, 9, 23, 5, 20, 30, 23, 20, 42, 33, 38, 33, 48, 2, 42, 50, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j302\_6.sm 47

final date： [0, 0, 0, 0, 4, 4, 4, 6, 14, 8, 5, 4, 4, 23, 13, 13, 17, 18, 25, 14, 25, 23, 26, 8, 18, 34, 42, 25, 26, 35, 45, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j302\_7.sm 47

final date： [0, 6, 0, 0, 8, 9, 7, 9, 6, 8, 8, 22, 15, 15, 23, 20, 15, 25, 29, 25, 13, 20, 32, 12, 29, 39, 15, 29, 29, 34, 42, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j302\_8.sm 54

8 -0.15358901023864746 54 0.0 0

final date： [0, 3, 0, 0, 3, 3, 9, 18, 18, 9, 9, 32, 12, 10, 3, 42, 14, 39, 12, 12, 12, 18, 26, 28, 41, 32, 32, 46, 51, 51, 42, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.17 s

j302\_9.sm 54

final date： [0, 0, 0, 0, 8, 5, 7, 10, 17, 8, 25, 25, 1, 30, 1, 30, 16, 5, 16, 32, 4, 30, 25, 39, 37, 36, 36, 10, 42, 48, 44, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j3030\_1.sm 47

8 -0.21542882919311523 48 2.127659574468085 0

16 -0.3799872398376465 48 2.127659574468085 0

24 -0.5206494331359863 48 2.127659574468085 0

32 -0.7446057796478271 48 2.127659574468085 0

40 -0.8791952133178711 48 2.127659574468085 0

48 -1.0178635120391846 48 2.127659574468085 0

56 -1.2173290252685547 48 2.127659574468085 0

64 -1.3629405498504639 48 2.127659574468085 0

72 -1.5763318538665771 48 2.127659574468085 0

80 -1.7545278072357178 47 0.0 0

final date： [0, 0, 0, 0, 10, 16, 16, 5, 23, 10, 6, 14, 25, 12, 16, 2, 25, 7, 31, 35, 24, 24, 29, 34, 25, 29, 38, 35, 43, 41, 36, 47]

finalduration： 47 opm 47 deviation 0.0 % time 1.77 s

j3030\_10.sm 53

8 -0.1466078758239746 54 1.8867924528301887 0

16 -0.30023622512817383 53 0.0 0

final date： [0, 0, 0, 0, 8, 8, 6, 16, 16, 26, 23, 31, 6, 42, 17, 15, 44, 33, 17, 19, 35, 11, 26, 32, 44, 46, 36, 44, 46, 50, 48, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.32 s

j3030\_2.sm 68

8 -0.18151426315307617 72 5.88235294117647 0

16 -0.38343048095703125 70 2.941176470588235 0

24 -0.585852861404419 70 2.941176470588235 0

32 -0.7763433456420898 70 2.941176470588235 0

40 -0.9678685665130615 70 2.941176470588235 0

48 -1.159318447113037 70 2.941176470588235 0

56 -1.3488116264343262 70 2.941176470588235 0

64 -1.5412967205047607 70 2.941176470588235 0

72 -1.7489399909973145 70 2.941176470588235 0

80 -1.9485454559326172 70 2.941176470588235 0

88 -2.1679956912994385 70 2.941176470588235 0

96 -2.418290376663208 70 2.941176470588235 0

104 -2.6373136043548584 69 1.4705882352941175 0

112 -2.8253118991851807 69 1.4705882352941175 0

120 -3.0297651290893555 69 1.4705882352941175 0

128 -3.222287893295288 69 1.4705882352941175 0

136 -3.4167699813842773 69 1.4705882352941175 0

144 -3.6820216178894043 69 1.4705882352941175 0

152 -4.01911997795105 69 1.4705882352941175 0

160 -4.279467821121216 69 1.4705882352941175 0

168 -4.463971853256226 69 1.4705882352941175 0

176 -4.772653341293335 69 1.4705882352941175 0

184 -5.056891918182373 69 1.4705882352941175 0

192 -5.2424328327178955 69 1.4705882352941175 0

200 -5.431939125061035 69 1.4705882352941175 0

208 -5.756896018981934 69 1.4705882352941175 0

216 -6.082712650299072 69 1.4705882352941175 0

224 -6.275237321853638 69 1.4705882352941175 0

232 -6.4796881675720215 69 1.4705882352941175 0

240 -6.671178817749023 69 1.4705882352941175 0

248 -6.859634160995483 69 1.4705882352941175 0

256 -7.057106256484985 69 1.4705882352941175 0

264 -7.248605489730835 69 1.4705882352941175 0

272 -7.4470744132995605 69 1.4705882352941175 0

280 -7.743495464324951 69 1.4705882352941175 0

288 -8.073612689971924 69 1.4705882352941175 0

296 -8.404725551605225 68 0.0 0

final date： [0, 0, 0, 8, 8, 13, 10, 13, 20, 21, 39, 47, 19, 26, 29, 26, 26, 39, 42, 43, 43, 36, 57, 42, 60, 52, 43, 53, 48, 67, 61, 68]

finalduration： 68 opm 68 deviation 0.0 % time 8.42 s

j3030\_3.sm 55

8 -0.15711116790771484 57 3.6363636363636362 0

16 -0.3855020999908447 56 1.8181818181818181 0

24 -0.604914665222168 56 1.8181818181818181 0

32 -0.7934088706970215 56 1.8181818181818181 0

40 -0.99686598777771 56 1.8181818181818181 0

48 -1.2761189937591553 56 1.8181818181818181 0

56 -1.5324692726135254 55 0.0 0

final date： [0, 29, 2, 0, 3, 10, 12, 13, 23, 3, 25, 12, 24, 14, 21, 35, 24, 33, 29, 32, 38, 35, 41, 41, 42, 47, 44, 46, 49, 47, 50, 55]

finalduration： 55 opm 55 deviation 0.0 % time 1.55 s

j3030\_4.sm 53

8 -0.22738409042358398 56 5.660377358490567 0

16 -0.39501309394836426 54 1.8867924528301887 0

24 -0.5476107597351074 53 0.0 0

final date： [0, 0, 0, 0, 7, 7, 17, 14, 27, 22, 14, 16, 24, 17, 7, 31, 26, 16, 10, 22, 17, 35, 26, 28, 35, 41, 40, 35, 46, 46, 46, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.56 s

j3030\_5.sm 54

8 -0.14496874809265137 56 3.7037037037037033 0

16 -0.3254861831665039 56 3.7037037037037033 0

24 -0.4860570430755615 56 3.7037037037037033 0

32 -0.6453146934509277 56 3.7037037037037033 0

40 -0.808875560760498 56 3.7037037037037033 0

48 -0.9634253978729248 55 1.8518518518518516 0

56 -1.197394609451294 55 1.8518518518518516 0

64 -1.470663070678711 55 1.8518518518518516 0

72 -1.6608836650848389 55 1.8518518518518516 0

80 -1.8172526359558105 55 1.8518518518518516 0

88 -1.986837387084961 55 1.8518518518518516 0

96 -2.1513590812683105 55 1.8518518518518516 0

104 -2.3139243125915527 54 0.0 0

final date： [0, 0, 2, 0, 5, 9, 5, 15, 16, 19, 28, 8, 24, 20, 16, 17, 17, 32, 27, 22, 27, 36, 31, 28, 43, 41, 37, 35, 44, 46, 53, 54]

finalduration： 54 opm 54 deviation 0.0 % time 2.33 s

j3030\_6.sm 62

8 -0.18108892440795898 66 6.451612903225806 0

16 -0.37556886672973633 66 6.451612903225806 0

24 -0.5740382671356201 65 4.838709677419355 0

32 -0.8339996337890625 65 4.838709677419355 0

40 -1.1202704906463623 62 0.0 0

final date： [0, 0, 0, 0, 5, 14, 4, 1, 10, 1, 24, 18, 14, 18, 31, 27, 24, 11, 34, 27, 49, 28, 34, 38, 38, 42, 54, 45, 56, 56, 56, 62]

finalduration： 62 opm 62 deviation 0.0 % time 1.14 s

j3030\_7.sm 68

8 -0.20345520973205566 73 7.352941176470589 0

16 -0.4148540496826172 72 5.88235294117647 0

24 -0.6273760795593262 72 5.88235294117647 0

32 -0.8437979221343994 71 4.411764705882353 0

40 -1.0494813919067383 71 4.411764705882353 0

48 -1.277846336364746 69 1.4705882352941175 0

56 -1.5020790100097656 69 1.4705882352941175 0

64 -1.8456904888153076 68 0.0 0

final date： [0, 0, 0, 0, 6, 10, 14, 10, 25, 15, 15, 28, 46, 34, 24, 35, 14, 30, 22, 44, 44, 36, 53, 57, 51, 44, 51, 54, 54, 57, 62, 68]

finalduration： 68 opm 68 deviation 0.0 % time 1.88 s

j3030\_8.sm 46

8 -0.19448113441467285 47 2.1739130434782608 0

16 -0.4138925075531006 47 2.1739130434782608 0

24 -0.5525219440460205 47 2.1739130434782608 0

32 -0.7902734279632568 46 0.0 0

final date： [0, 0, 0, 0, 7, 17, 1, 25, 7, 17, 8, 17, 23, 33, 7, 8, 32, 32, 35, 35, 24, 37, 42, 26, 36, 39, 43, 41, 42, 45, 45, 46]

finalduration： 46 opm 46 deviation 0.0 % time 0.81 s

j3030\_9.sm 46

8 -0.13090944290161133 47 2.1739130434782608 0

16 -0.2874484062194824 47 2.1739130434782608 0

24 -0.5158734321594238 47 2.1739130434782608 0

32 -0.7292652130126953 47 2.1739130434782608 0

40 -0.8754489421844482 47 2.1739130434782608 0

48 -1.0430793762207031 47 2.1739130434782608 0

56 -1.2824032306671143 47 2.1739130434782608 0

64 -1.4280126094818115 47 2.1739130434782608 0

72 -1.5716285705566406 47 2.1739130434782608 0

80 -1.7212293148040771 47 2.1739130434782608 0

88 -1.9197373390197754 47 2.1739130434782608 0

96 -2.1401076316833496 47 2.1739130434782608 0

104 -2.283723831176758 47 2.1739130434782608 0

112 -2.4343225955963135 47 2.1739130434782608 0

120 -2.58491849899292 47 2.1739130434782608 0

128 -2.728533983230591 47 2.1739130434782608 0

136 -2.8731470108032227 47 2.1739130434782608 0

144 -3.043668031692505 47 2.1739130434782608 0

152 -3.2271392345428467 47 2.1739130434782608 0

160 -3.3817648887634277 47 2.1739130434782608 0

168 -3.530366897583008 47 2.1739130434782608 0

176 -3.6739821434020996 47 2.1739130434782608 0

184 -3.8307442665100098 47 2.1739130434782608 0

192 -3.992936849594116 47 2.1739130434782608 0

200 -4.155465602874756 47 2.1739130434782608 0

208 -4.323665618896484 47 2.1739130434782608 0

216 -4.5500593185424805 47 2.1739130434782608 0

224 -4.691725254058838 47 2.1739130434782608 0

232 -4.834344148635864 47 2.1739130434782608 0

240 -4.985932350158691 47 2.1739130434782608 0

10 14 47

248 -6.608818531036377 47 2.1739130434782608 0

24 30 47

256 -8.19856595993042 47 2.1739130434782608 0

5 17 47

264 -9.896847248077393 47 2.1739130434782608 0

21 26 47

272 -11.397789716720581 47 2.1739130434782608 0

10 29 47

280 -13.06595754623413 47 2.1739130434782608 0

21 24 47

288 -14.6134192943573 47 2.1739130434782608 0

2 15 46

yes 46

298 -16.056933641433716 46 0.0 0

final date： [0, 0, 0, 0, 2, 3, 2, 8, 2, 17, 9, 10, 9, 22, 35, 40, 17, 25, 10, 19, 30, 9, 26, 13, 26, 34, 19, 26, 37, 36, 41, 46]

finalduration： 46 opm 46 deviation 0.0 % time 16.07 s

j3031\_1.sm 43

final date： [0, 6, 0, 17, 7, 7, 23, 14, 15, 9, 18, 20, 13, 20, 19, 26, 23, 21, 14, 32, 24, 24, 21, 22, 33, 34, 28, 32, 40, 37, 35, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.01 s

j3031\_10.sm 55

8 -0.15159392356872559 56 1.8181818181818181 0

16 -0.3151564598083496 56 1.8181818181818181 0

24 -0.4797537326812744 56 1.8181818181818181 0

32 -0.6362974643707275 56 1.8181818181818181 0

40 -0.8537161350250244 56 1.8181818181818181 0

48 -1.0541808605194092 56 1.8181818181818181 0

56 -1.2217316627502441 56 1.8181818181818181 0

64 -1.3902809619903564 55 0.0 0

final date： [0, 6, 0, 0, 14, 2, 6, 24, 3, 11, 14, 26, 2, 14, 19, 32, 19, 30, 27, 36, 26, 17, 37, 45, 37, 42, 47, 25, 49, 46, 47, 55]

finalduration： 55 opm 55 deviation 0.0 % time 1.41 s

j3031\_2.sm 63

final date： [0, 0, 0, 0, 7, 1, 11, 10, 7, 18, 18, 7, 1, 14, 1, 17, 14, 12, 22, 26, 18, 29, 26, 34, 41, 19, 51, 21, 39, 59, 26, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3031\_3.sm 58

final date： [0, 0, 0, 0, 10, 6, 10, 18, 13, 10, 18, 16, 16, 18, 23, 26, 21, 28, 26, 34, 28, 34, 43, 34, 43, 33, 50, 48, 52, 53, 48, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3031\_4.sm 50

final date： [0, 0, 0, 0, 8, 8, 17, 8, 16, 22, 17, 14, 16, 16, 30, 20, 20, 22, 35, 32, 30, 5, 33, 29, 29, 29, 32, 38, 36, 40, 42, 50]

finalduration： 50 opm 50 deviation 0.0 % time 0.01 s

j3031\_5.sm 52

8 -0.14960527420043945 54 3.8461538461538463 0

16 -0.30989527702331543 54 3.8461538461538463 0

24 -0.47345757484436035 54 3.8461538461538463 0

32 -0.6400141716003418 54 3.8461538461538463 0

40 -0.7875809669494629 54 3.8461538461538463 0

48 -0.9501824378967285 53 1.9230769230769231 0

56 -1.098785161972046 52 0.0 0

final date： [0, 0, 0, 0, 4, 6, 8, 6, 2, 9, 13, 12, 19, 17, 15, 25, 25, 36, 12, 19, 23, 27, 41, 24, 27, 27, 30, 34, 33, 46, 43, 52]

finalduration： 52 opm 52 deviation 0.0 % time 1.11 s

j3031\_6.sm 53

final date： [0, 13, 0, 15, 10, 13, 19, 28, 12, 34, 44, 29, 31, 34, 18, 45, 35, 21, 36, 23, 36, 37, 31, 50, 46, 37, 44, 48, 50, 45, 52, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3031\_7.sm 61

8 -0.23966264724731445 61 0.0 0

final date： [0, 10, 1, 0, 25, 8, 17, 6, 21, 10, 19, 29, 42, 40, 24, 23, 31, 30, 28, 38, 45, 49, 47, 54, 40, 46, 45, 48, 54, 60, 55, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.26 s

j3031\_8.sm 58

8 -0.15059685707092285 58 0.0 0

final date： [0, 0, 7, 0, 4, 12, 21, 24, 4, 21, 14, 24, 34, 27, 37, 14, 31, 16, 31, 45, 18, 47, 46, 47, 36, 50, 43, 53, 54, 45, 56, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.17 s

j3031\_9.sm 50

8 -0.13405323028564453 51 2.0 0

16 -0.28066158294677734 51 2.0 0

24 -0.4282703399658203 51 2.0 0

32 -0.5758347511291504 51 2.0 0

40 -0.7294619083404541 50 0.0 0

final date： [0, 11, 0, 0, 9, 5, 5, 18, 16, 9, 23, 11, 23, 21, 11, 21, 22, 26, 30, 17, 33, 29, 37, 35, 40, 30, 39, 31, 47, 49, 46, 50]

finalduration： 50 opm 50 deviation 0.0 % time 0.75 s

j3032\_1.sm 61

final date： [0, 0, 0, 0, 5, 5, 14, 9, 14, 9, 22, 22, 9, 22, 28, 28, 12, 22, 22, 32, 29, 32, 33, 32, 41, 33, 44, 41, 53, 21, 53, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.01 s

j3032\_10.sm 51

final date： [0, 0, 0, 0, 3, 5, 13, 4, 13, 14, 5, 5, 5, 13, 23, 21, 14, 23, 15, 23, 16, 33, 4, 34, 30, 21, 30, 36, 40, 43, 33, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3032\_2.sm 60

final date： [0, 0, 0, 0, 9, 10, 9, 10, 20, 30, 15, 19, 29, 19, 29, 20, 33, 8, 21, 19, 27, 30, 38, 46, 38, 30, 43, 43, 38, 52, 45, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3032\_3.sm 57

final date： [0, 0, 0, 0, 9, 9, 10, 10, 9, 9, 10, 18, 18, 18, 21, 21, 27, 23, 15, 27, 23, 34, 30, 32, 27, 41, 36, 45, 49, 41, 48, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3032\_4.sm 68

final date： [0, 0, 0, 0, 10, 20, 20, 29, 36, 36, 42, 10, 42, 44, 10, 20, 45, 29, 29, 36, 46, 46, 56, 29, 54, 46, 46, 56, 57, 62, 63, 68]

finalduration： 68 opm 68 deviation 0.0 % time 0.01 s

j3032\_5.sm 54

final date： [0, 0, 0, 0, 10, 6, 11, 9, 16, 11, 21, 10, 21, 16, 20, 16, 21, 29, 15, 29, 30, 19, 20, 33, 37, 23, 42, 32, 52, 39, 47, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j3032\_6.sm 44

final date： [0, 0, 0, 0, 5, 8, 8, 8, 5, 9, 5, 9, 10, 15, 8, 16, 16, 18, 16, 20, 22, 21, 21, 22, 28, 28, 24, 26, 26, 36, 35, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.01 s

j3032\_7.sm 35

final date： [0, 0, 0, 0, 1, 3, 3, 3, 2, 7, 7, 1, 2, 9, 12, 12, 15, 20, 20, 1, 23, 7, 12, 12, 18, 21, 21, 29, 31, 21, 24, 35]

finalduration： 35 opm 35 deviation 0.0 % time 0.01 s

j3032\_8.sm 54

final date： [0, 0, 0, 0, 9, 10, 10, 12, 19, 19, 9, 15, 15, 19, 18, 28, 19, 29, 24, 18, 19, 30, 32, 33, 28, 34, 34, 40, 50, 33, 43, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j3032\_9.sm 65

final date： [0, 0, 0, 0, 10, 10, 10, 10, 9, 13, 19, 20, 19, 13, 10, 30, 23, 30, 13, 31, 16, 16, 37, 37, 33, 35, 44, 54, 54, 56, 45, 65]

finalduration： 65 opm 65 deviation 0.0 % time 0.01 s

j3033\_1.sm 65

final date： [0, 11, 2, 0, 36, 4, 12, 10, 17, 19, 31, 14, 23, 42, 24, 24, 32, 42, 32, 40, 48, 43, 47, 50, 34, 44, 50, 45, 55, 55, 57, 65]

finalduration： 65 opm 65 deviation 0.0 % time 0.01 s

j3033\_10.sm 53

8 -0.14362120628356934 53 0.0 0

final date： [0, 0, 7, 4, 10, 11, 9, 6, 19, 13, 15, 25, 36, 21, 27, 13, 31, 16, 34, 21, 29, 30, 37, 37, 39, 40, 43, 49, 52, 51, 44, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.16 s

j3033\_2.sm 60

8 -0.16404294967651367 60 0.0 0

final date： [0, 25, 7, 0, 7, 21, 8, 13, 25, 17, 31, 15, 31, 23, 27, 40, 27, 43, 44, 50, 31, 39, 29, 52, 45, 53, 51, 38, 58, 50, 51, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.18 s

j3033\_3.sm 55

8 -0.15018892288208008 56 1.8181818181818181 0

16 -0.3147859573364258 55 0.0 0

final date： [0, 0, 0, 0, 9, 16, 2, 17, 17, 11, 15, 17, 2, 24, 27, 22, 15, 24, 30, 24, 30, 32, 37, 30, 37, 37, 37, 47, 44, 44, 51, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.33 s

j3033\_4.sm 77

8 -0.19494056701660156 80 3.896103896103896 0

16 -0.40438175201416016 77 0.0 0

final date： [0, 0, 0, 10, 9, 18, 18, 25, 9, 29, 29, 43, 33, 10, 18, 19, 46, 43, 50, 29, 39, 49, 43, 58, 50, 58, 63, 63, 67, 73, 67, 77]

finalduration： 77 opm 77 deviation 0.0 % time 0.43 s

j3033\_5.sm 53

final date： [0, 0, 0, 7, 15, 4, 7, 12, 15, 11, 4, 37, 15, 20, 27, 16, 39, 34, 16, 39, 20, 42, 35, 27, 27, 20, 35, 42, 46, 46, 46, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3033\_6.sm 59

8 -0.2393956184387207 59 0.0 0

final date： [0, 0, 0, 3, 3, 3, 13, 3, 23, 23, 12, 23, 25, 28, 35, 29, 29, 13, 36, 28, 36, 38, 38, 36, 36, 44, 52, 46, 42, 53, 52, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.26 s

j3033\_7.sm 58

final date： [0, 13, 0, 0, 3, 10, 26, 3, 17, 10, 20, 20, 29, 20, 29, 39, 33, 39, 42, 41, 33, 48, 41, 49, 48, 51, 41, 51, 53, 53, 53, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3033\_8.sm 61

final date： [0, 3, 0, 0, 3, 8, 3, 5, 8, 6, 12, 6, 23, 31, 19, 18, 18, 31, 23, 40, 39, 43, 39, 12, 43, 31, 39, 48, 51, 40, 49, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.01 s

j3033\_9.sm 65

8 -0.23740363121032715 70 7.6923076923076925 0

16 -0.48029017448425293 67 3.076923076923077 0

24 -0.6617963314056396 66 1.5384615384615385 0

32 -0.8482604026794434 66 1.5384615384615385 0

40 -1.0387885570526123 66 1.5384615384615385 0

48 -1.2242929935455322 66 1.5384615384615385 0

56 -1.43074631690979 66 1.5384615384615385 0

64 -1.61625075340271 66 1.5384615384615385 0

72 -1.8451817035675049 66 1.5384615384615385 0

80 -2.0991032123565674 66 1.5384615384615385 0

88 -2.298231363296509 66 1.5384615384615385 0

96 -2.535391330718994 66 1.5384615384615385 0

104 -2.729867696762085 66 1.5384615384615385 0

112 -2.9548614025115967 66 1.5384615384615385 0

120 -3.1822969913482666 66 1.5384615384615385 0

128 -3.367987632751465 66 1.5384615384615385 0

136 -3.5534894466400146 66 1.5384615384615385 0

144 -3.745976448059082 66 1.5384615384615385 0

152 -3.9394235610961914 66 1.5384615384615385 0

160 -4.119934797286987 66 1.5384615384615385 0

168 -4.338304281234741 66 1.5384615384615385 0

176 -4.5856804847717285 66 1.5384615384615385 0

184 -4.777657985687256 66 1.5384615384615385 0

192 -5.028982877731323 66 1.5384615384615385 0

200 -5.214524984359741 66 1.5384615384615385 0

208 -5.408242225646973 66 1.5384615384615385 0

216 -5.600721597671509 66 1.5384615384615385 0

224 -5.838048696517944 66 1.5384615384615385 0

232 -6.134253025054932 66 1.5384615384615385 0

240 -6.37818169593811 66 1.5384615384615385 0

248 -6.593601703643799 66 1.5384615384615385 0

256 -6.843511581420898 66 1.5384615384615385 0

264 -7.174302101135254 66 1.5384615384615385 0

27 30 66

272 -8.747528791427612 66 1.5384615384615385 0

16 30 65

yes 65

282 -10.7377290725708 65 0.0 0

final date： [0, 0, 0, 0, 11, 16, 2, 19, 2, 10, 4, 24, 24, 21, 25, 19, 25, 25, 37, 34, 34, 43, 35, 25, 37, 55, 46, 45, 60, 46, 55, 65]

finalduration： 65 opm 65 deviation 0.0 % time 10.76 s

j3034\_1.sm 68

final date： [0, 13, 0, 0, 10, 3, 10, 23, 14, 20, 20, 20, 26, 14, 28, 31, 35, 27, 35, 45, 39, 28, 38, 45, 38, 55, 48, 55, 66, 56, 46, 68]

finalduration： 68 opm 68 deviation 0.0 % time 0.01 s

j3034\_10.sm 47

8 -0.12865638732910156 47 0.0 0

final date： [0, 3, 0, 2, 16, 10, 9, 10, 16, 10, 17, 17, 18, 17, 26, 32, 25, 23, 21, 29, 34, 31, 34, 29, 32, 35, 37, 36, 43, 45, 41, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.14 s

j3034\_2.sm 44

8 -0.1186819076538086 44 0.0 0

final date： [0, 0, 0, 3, 7, 7, 10, 3, 11, 13, 9, 9, 15, 15, 19, 11, 13, 21, 26, 22, 22, 22, 21, 20, 31, 34, 26, 28, 40, 38, 35, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.13 s

j3034\_3.sm 69

final date： [0, 0, 0, 0, 3, 10, 16, 16, 7, 23, 3, 24, 12, 16, 29, 29, 36, 37, 53, 45, 45, 45, 45, 16, 54, 53, 53, 54, 63, 55, 60, 69]

finalduration： 69 opm 69 deviation 0.0 % time 0.01 s

j3034\_4.sm 67

final date： [0, 0, 3, 0, 3, 3, 12, 3, 11, 14, 12, 13, 22, 22, 32, 31, 31, 46, 22, 35, 45, 53, 53, 62, 62, 45, 47, 45, 49, 63, 63, 67]

finalduration： 67 opm 67 deviation 0.0 % time 0.01 s

j3034\_5.sm 63

final date： [0, 0, 0, 0, 6, 10, 13, 13, 18, 8, 27, 27, 13, 18, 23, 27, 21, 23, 30, 6, 33, 36, 36, 46, 37, 36, 27, 46, 56, 53, 53, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3034\_6.sm 52

final date： [0, 0, 0, 0, 5, 5, 11, 4, 11, 11, 20, 5, 19, 30, 14, 30, 15, 16, 20, 30, 34, 37, 35, 34, 20, 37, 37, 36, 45, 44, 45, 52]

finalduration： 52 opm 52 deviation 0.0 % time 0.01 s

j3034\_7.sm 58

final date： [0, 7, 11, 0, 14, 20, 10, 37, 8, 15, 17, 16, 18, 42, 27, 25, 36, 34, 38, 28, 37, 33, 46, 46, 37, 47, 49, 50, 53, 48, 54, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3034\_8.sm 58

8 -0.14860129356384277 59 1.7241379310344827 0

16 -0.30907487869262695 58 0.0 0

final date： [0, 0, 0, 0, 5, 5, 9, 1, 11, 11, 1, 7, 17, 15, 18, 18, 15, 25, 25, 33, 33, 11, 22, 39, 39, 41, 21, 44, 48, 46, 25, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.33 s

j3034\_9.sm 60

final date： [0, 2, 0, 0, 4, 6, 4, 8, 8, 12, 4, 12, 8, 17, 17, 23, 23, 17, 17, 23, 27, 33, 39, 33, 39, 39, 47, 47, 55, 30, 50, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3035\_1.sm 57

final date： [0, 0, 0, 0, 8, 14, 6, 2, 24, 2, 8, 8, 18, 18, 10, 13, 17, 28, 24, 27, 33, 24, 18, 28, 34, 36, 28, 37, 41, 47, 37, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3035\_10.sm 59

8 -0.22702407836914062 65 10.16949152542373 0

16 -0.4224977493286133 59 0.0 0

final date： [0, 0, 0, 0, 5, 5, 5, 5, 6, 18, 12, 13, 13, 18, 12, 18, 23, 18, 30, 20, 30, 23, 38, 23, 30, 46, 38, 38, 46, 38, 49, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.44 s

j3035\_2.sm 53

final date： [0, 0, 0, 0, 4, 1, 7, 14, 19, 10, 4, 7, 9, 19, 21, 19, 20, 27, 20, 31, 29, 34, 31, 31, 26, 36, 36, 29, 41, 46, 46, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3035\_3.sm 60

final date： [0, 34, 7, 0, 9, 16, 39, 40, 7, 12, 20, 40, 42, 22, 21, 47, 44, 30, 35, 50, 49, 46, 39, 52, 55, 41, 42, 51, 57, 59, 54, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3035\_4.sm 50

final date： [0, 0, 12, 0, 4, 12, 12, 4, 8, 1, 18, 18, 15, 13, 16, 21, 12, 18, 31, 20, 16, 20, 40, 21, 29, 29, 31, 21, 35, 44, 40, 50]

finalduration： 50 opm 50 deviation 0.0 % time 0.01 s

j3035\_5.sm 60

final date： [0, 7, 0, 22, 25, 18, 9, 20, 6, 21, 13, 29, 28, 32, 26, 36, 33, 34, 23, 38, 47, 40, 32, 46, 58, 47, 40, 51, 50, 59, 57, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3035\_6.sm 58

8 -0.15255069732666016 58 0.0 0

final date： [0, 1, 0, 0, 1, 13, 6, 6, 9, 15, 1, 10, 6, 10, 7, 15, 20, 25, 35, 27, 24, 24, 32, 41, 41, 20, 35, 41, 48, 42, 51, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.17 s

j3035\_7.sm 61

final date： [0, 0, 0, 0, 2, 12, 14, 10, 7, 14, 10, 15, 13, 19, 24, 24, 25, 31, 30, 30, 24, 40, 53, 31, 40, 39, 43, 33, 53, 58, 43, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.01 s

j3035\_8.sm 63

final date： [0, 4, 24, 0, 38, 7, 25, 29, 19, 16, 24, 35, 50, 33, 39, 43, 34, 54, 44, 44, 49, 52, 53, 54, 51, 52, 55, 53, 61, 61, 59, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3035\_9.sm 59

8 -0.29436302185058594 59 0.0 0

final date： [0, 0, 0, 0, 2, 2, 4, 4, 11, 11, 7, 20, 11, 21, 11, 10, 17, 15, 21, 20, 29, 29, 29, 37, 37, 29, 46, 46, 55, 49, 35, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.32 s

j3036\_1.sm 66

final date： [0, 0, 0, 0, 3, 3, 13, 3, 6, 13, 9, 5, 16, 23, 13, 21, 16, 29, 18, 23, 29, 31, 31, 32, 42, 32, 23, 48, 34, 48, 57, 66]

finalduration： 66 opm 66 deviation 0.0 % time 0.01 s

j3036\_10.sm 59

final date： [0, 0, 0, 0, 10, 4, 3, 10, 10, 18, 3, 17, 19, 18, 18, 21, 19, 28, 27, 27, 27, 34, 19, 28, 43, 43, 34, 48, 39, 56, 46, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j3036\_2.sm 44

final date： [0, 0, 0, 0, 3, 3, 13, 8, 2, 12, 8, 17, 8, 17, 18, 2, 22, 22, 22, 6, 18, 22, 28, 22, 28, 28, 14, 36, 39, 23, 30, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.01 s

j3036\_3.sm 61

final date： [0, 0, 0, 0, 6, 6, 7, 4, 6, 14, 12, 24, 4, 34, 11, 7, 20, 15, 16, 15, 21, 34, 34, 24, 21, 38, 47, 38, 47, 24, 54, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.01 s

j3036\_4.sm 59

final date： [0, 0, 0, 0, 6, 6, 6, 15, 4, 15, 4, 23, 12, 23, 30, 15, 23, 19, 39, 39, 39, 46, 30, 30, 36, 43, 43, 48, 55, 38, 51, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j3036\_5.sm 64

final date： [0, 0, 0, 0, 5, 11, 11, 7, 11, 17, 17, 19, 17, 23, 31, 17, 31, 35, 23, 31, 24, 41, 35, 37, 23, 31, 43, 51, 35, 58, 53, 64]

finalduration： 64 opm 64 deviation 0.0 % time 0.01 s

j3036\_6.sm 46

final date： [0, 0, 0, 0, 9, 8, 8, 12, 18, 7, 18, 9, 12, 17, 14, 16, 26, 26, 30, 30, 26, 34, 28, 29, 30, 35, 29, 18, 38, 22, 39, 46]

finalduration： 46 opm 46 deviation 0.0 % time 0.01 s

j3036\_7.sm 56

final date： [0, 0, 0, 0, 7, 13, 10, 14, 19, 13, 4, 14, 22, 22, 21, 13, 18, 28, 10, 28, 21, 31, 34, 26, 21, 42, 34, 38, 32, 48, 43, 56]

finalduration： 56 opm 56 deviation 0.0 % time 0.02 s

j3036\_8.sm 63

final date： [0, 0, 0, 0, 7, 10, 14, 7, 14, 17, 10, 25, 10, 25, 19, 19, 27, 25, 31, 31, 41, 31, 39, 17, 41, 39, 45, 51, 55, 7, 51, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3036\_9.sm 59

final date： [0, 0, 0, 0, 10, 10, 20, 2, 20, 16, 25, 16, 16, 26, 25, 23, 26, 10, 36, 21, 26, 33, 36, 33, 33, 36, 42, 46, 42, 42, 56, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j3037\_1.sm 79

8 -0.3052256107330322 82 3.79746835443038 0

16 -0.5934066772460938 82 3.79746835443038 0

24 -0.8397846221923828 80 1.2658227848101267 0

32 -1.0941002368927002 80 1.2658227848101267 0

40 -1.358353853225708 80 1.2658227848101267 0

48 -1.5892565250396729 80 1.2658227848101267 0

56 -1.805673599243164 80 1.2658227848101267 0

64 -2.054006814956665 79 0.0 0

final date： [0, 0, 0, 8, 27, 2, 17, 25, 19, 11, 17, 37, 36, 27, 19, 59, 34, 8, 44, 36, 36, 37, 51, 43, 39, 53, 53, 62, 71, 66, 62, 79]

finalduration： 79 opm 79 deviation 0.0 % time 2.08 s

j3037\_10.sm 81

8 -0.2752220630645752 82 1.2345679012345678 0

16 -0.5247516632080078 82 1.2345679012345678 0

24 -0.8169667720794678 82 1.2345679012345678 0

32 -1.0792632102966309 82 1.2345679012345678 0

40 -1.4033920764923096 82 1.2345679012345678 0

48 -1.6417882442474365 82 1.2345679012345678 0

56 -1.8611621856689453 81 0.0 0

final date： [0, 6, 11, 0, 42, 21, 5, 12, 18, 35, 18, 58, 28, 32, 45, 55, 40, 50, 22, 50, 42, 56, 58, 59, 49, 61, 34, 64, 73, 74, 67, 81]

finalduration： 81 opm 81 deviation 0.0 % time 1.9 s

j3037\_2.sm 69

8 -0.21741795539855957 69 0.0 0

final date： [0, 0, 0, 0, 11, 8, 2, 11, 12, 15, 2, 16, 8, 19, 16, 16, 12, 16, 29, 18, 36, 29, 29, 42, 38, 38, 46, 41, 60, 52, 42, 69]

finalduration： 69 opm 69 deviation 0.0 % time 0.25 s

j3037\_3.sm 81

8 -0.29482173919677734 85 4.938271604938271 0

16 -0.5271556377410889 85 4.938271604938271 0

24 -0.808448076248169 85 4.938271604938271 0

32 -1.1804509162902832 81 0.0 0

final date： [0, 0, 0, 5, 20, 40, 5, 49, 20, 14, 20, 30, 20, 53, 40, 5, 26, 36, 54, 60, 47, 60, 68, 69, 73, 54, 62, 68, 75, 75, 72, 81]

finalduration： 81 opm 81 deviation 0.0 % time 1.22 s

j3037\_4.sm 83

8 -0.23096132278442383 84 1.2048192771084338 0

16 -0.4852783679962158 83 0.0 0

final date： [0, 49, 0, 3, 1, 13, 10, 9, 21, 25, 13, 20, 49, 10, 35, 51, 70, 46, 25, 46, 54, 18, 68, 56, 41, 59, 68, 68, 59, 75, 75, 83]

finalduration： 83 opm 83 deviation 0.0 % time 0.52 s

j3037\_5.sm 80

8 -0.2522890567779541 82 2.5 0

16 -0.5185747146606445 82 2.5 0

24 -0.8133950233459473 82 2.5 0

32 -1.1105594635009766 82 2.5 0

40 -1.426711082458496 82 2.5 0

48 -1.8255648612976074 82 2.5 0

56 -2.1626691818237305 82 2.5 0

64 -2.4727883338928223 82 2.5 0

72 -2.7610158920288086 82 2.5 0

80 -3.077357530593872 82 2.5 0

88 -3.347473382949829 82 2.5 0

96 -3.7314438819885254 82 2.5 0

104 -4.108431577682495 80 0.0 0

final date： [0, 8, 0, 18, 27, 18, 8, 37, 28, 27, 29, 37, 54, 28, 39, 45, 55, 45, 45, 42, 65, 55, 65, 65, 74, 66, 63, 69, 79, 71, 79, 80]

finalduration： 80 opm 80 deviation 0.0 % time 4.14 s

j3037\_6.sm 73

8 -0.19954299926757812 78 6.8493150684931505 0

16 -0.450117826461792 76 4.10958904109589 0

24 -0.6970314979553223 76 4.10958904109589 0

32 -1.0022125244140625 76 4.10958904109589 0

40 -1.209655523300171 76 4.10958904109589 0

48 -1.461127519607544 76 4.10958904109589 0

56 -1.7144458293914795 76 4.10958904109589 0

64 -1.9448277950286865 76 4.10958904109589 0

72 -2.1543033123016357 76 4.10958904109589 0

80 -2.366732120513916 76 4.10958904109589 0

88 -2.590094804763794 76 4.10958904109589 0

96 -2.7866146564483643 76 4.10958904109589 0

104 -3.0100059509277344 76 4.10958904109589 0

112 -3.229379892349243 76 4.10958904109589 0

120 -3.4402291774749756 74 1.36986301369863 0

128 -3.664588689804077 74 1.36986301369863 0

136 -3.8740665912628174 74 1.36986301369863 0

144 -4.090445518493652 74 1.36986301369863 0

152 -4.306929111480713 74 1.36986301369863 0

160 -4.533321142196655 73 0.0 0

final date： [0, 2, 11, 0, 17, 4, 7, 14, 18, 25, 24, 35, 47, 25, 19, 40, 37, 37, 42, 27, 40, 44, 57, 50, 57, 63, 60, 62, 69, 68, 67, 73]

finalduration： 73 opm 73 deviation 0.0 % time 4.56 s

j3037\_7.sm 92

8 -0.2742655277252197 97 5.434782608695652 0

16 -0.5904159545898438 97 5.434782608695652 0

24 -0.8756508827209473 97 5.434782608695652 0

32 -1.209752082824707 97 5.434782608695652 0

40 -1.50101637840271 94 2.1739130434782608 0

48 -1.7503092288970947 94 2.1739130434782608 0

56 -2.0126495361328125 94 2.1739130434782608 0

64 -2.253000020980835 94 2.1739130434782608 0

72 -2.5142982006073 94 2.1739130434782608 0

80 -2.785529851913452 94 2.1739130434782608 0

88 -3.045490264892578 94 2.1739130434782608 0

96 -3.295814275741577 94 2.1739130434782608 0

104 -3.5511298179626465 94 2.1739130434782608 0

112 -3.8093976974487305 94 2.1739130434782608 0

120 -4.156465530395508 92 0.0 0

final date： [0, 0, 20, 0, 12, 25, 35, 6, 35, 36, 6, 35, 41, 37, 45, 45, 55, 55, 37, 63, 55, 13, 63, 58, 64, 64, 76, 73, 69, 76, 84, 92]

finalduration： 92 opm 92 deviation 0.0 % time 4.18 s

j3037\_8.sm 72

8 -0.26880979537963867 85 18.055555555555554 0

16 -0.5251972675323486 82 13.88888888888889 0

24 -0.7603795528411865 80 11.11111111111111 0

32 -0.9817872047424316 80 11.11111111111111 0

40 -1.2107110023498535 80 11.11111111111111 0

48 -1.4510650634765625 80 11.11111111111111 0

56 -1.6744654178619385 75 4.166666666666666 0

64 -1.8809118270874023 75 4.166666666666666 0

72 -2.097074270248413 75 4.166666666666666 0

80 -2.3125345706939697 75 4.166666666666666 0

88 -2.5659825801849365 75 4.166666666666666 0

96 -2.7944064140319824 75 4.166666666666666 0

104 -3.0143866539001465 75 4.166666666666666 0

112 -3.301617383956909 75 4.166666666666666 0

120 -3.619762659072876 73 1.3888888888888888 0

128 -3.9219512939453125 73 1.3888888888888888 0

136 -4.161309003829956 73 1.3888888888888888 0

144 -4.384707450866699 73 1.3888888888888888 0

152 -4.636033773422241 73 1.3888888888888888 0

160 -4.9497833251953125 73 1.3888888888888888 0

168 -5.156055212020874 73 1.3888888888888888 0

176 -5.375903367996216 72 0.0 0

final date： [0, 0, 0, 0, 3, 9, 10, 30, 9, 20, 20, 39, 30, 40, 47, 10, 40, 44, 40, 20, 43, 45, 45, 58, 56, 66, 56, 58, 59, 65, 67, 72]

finalduration： 72 opm 72 deviation 0.0 % time 5.4 s

j3037\_9.sm 57

8 -0.2001187801361084 57 0.0 0

final date： [0, 0, 0, 0, 9, 5, 19, 10, 23, 19, 33, 23, 10, 28, 38, 23, 5, 21, 28, 43, 45, 33, 42, 43, 45, 50, 43, 53, 55, 38, 53, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.23 s

j3038\_1.sm 48

final date： [0, 0, 2, 3, 4, 5, 12, 21, 10, 19, 13, 9, 16, 19, 21, 21, 18, 30, 26, 11, 21, 30, 31, 35, 34, 38, 36, 31, 39, 43, 44, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j3038\_10.sm 60

8 -0.15857458114624023 61 1.6666666666666667 0

16 -0.42685461044311523 61 1.6666666666666667 0

24 -0.714083194732666 61 1.6666666666666667 0

32 -0.8882317543029785 61 1.6666666666666667 0

40 -1.0527799129486084 61 1.6666666666666667 0

48 -1.2218940258026123 61 1.6666666666666667 0

56 -1.386458158493042 61 1.6666666666666667 0

64 -1.5609474182128906 61 1.6666666666666667 0

72 -1.853163242340088 61 1.6666666666666667 0

80 -2.104644775390625 61 1.6666666666666667 0

88 -2.321063756942749 61 1.6666666666666667 0

96 -2.5112240314483643 60 0.0 0

final date： [0, 0, 0, 0, 3, 7, 11, 20, 20, 11, 7, 7, 26, 11, 30, 13, 31, 30, 40, 30, 36, 39, 20, 36, 39, 53, 46, 47, 54, 46, 53, 60]

finalduration： 60 opm 60 deviation 0.0 % time 2.53 s

j3038\_2.sm 54

8 -0.16256332397460938 58 7.4074074074074066 0

16 -0.3221757411956787 54 0.0 0

final date： [0, 0, 0, 0, 4, 3, 4, 3, 6, 4, 6, 9, 12, 5, 25, 26, 15, 16, 7, 33, 25, 29, 43, 25, 42, 29, 36, 36, 48, 33, 45, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.34 s

j3038\_3.sm 59

final date： [0, 0, 0, 0, 3, 11, 24, 6, 11, 21, 11, 24, 21, 14, 14, 34, 27, 21, 30, 22, 34, 36, 36, 45, 36, 40, 27, 40, 50, 41, 45, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j3038\_4.sm 59

final date： [0, 0, 0, 0, 3, 10, 3, 5, 10, 13, 19, 16, 14, 19, 19, 3, 16, 23, 35, 29, 29, 33, 38, 38, 48, 38, 48, 38, 50, 57, 28, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j3038\_5.sm 71

8 -0.29720282554626465 79 11.267605633802818 0

16 -0.6492586135864258 74 4.225352112676056 0

24 -0.8537073135375977 74 4.225352112676056 0

32 -1.0542213916778564 74 4.225352112676056 0

40 -1.2557885646820068 74 4.225352112676056 0

48 -1.4761981964111328 71 0.0 0

final date： [0, 0, 0, 0, 5, 29, 4, 4, 14, 12, 12, 21, 16, 27, 38, 20, 38, 31, 21, 46, 38, 29, 38, 43, 56, 52, 43, 29, 65, 46, 62, 71]

finalduration： 71 opm 71 deviation 0.0 % time 1.5 s

j3038\_6.sm 63

8 -0.20648431777954102 63 0.0 0

final date： [0, 3, 0, 0, 10, 7, 21, 1, 3, 24, 20, 20, 24, 24, 6, 15, 34, 20, 34, 40, 40, 48, 49, 28, 55, 28, 42, 55, 34, 62, 49, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.23 s

j3038\_7.sm 65

8 -0.1751570701599121 67 3.076923076923077 0

16 -0.48911356925964355 65 0.0 0

final date： [0, 0, 1, 3, 4, 7, 31, 10, 33, 26, 13, 17, 16, 37, 38, 28, 55, 23, 17, 51, 35, 52, 29, 39, 57, 37, 41, 46, 56, 55, 60, 65]

finalduration： 65 opm 65 deviation 0.0 % time 0.52 s

j3038\_8.sm 61

final date： [0, 0, 0, 0, 7, 8, 9, 8, 7, 15, 18, 15, 19, 29, 16, 34, 33, 14, 19, 33, 25, 40, 40, 29, 46, 40, 41, 46, 35, 56, 47, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.01 s

j3038\_9.sm 63

final date： [0, 0, 0, 0, 7, 7, 22, 9, 9, 15, 7, 30, 15, 13, 30, 11, 37, 33, 30, 37, 40, 44, 30, 45, 39, 13, 46, 24, 54, 54, 46, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3039\_1.sm 55

final date： [0, 0, 0, 0, 3, 5, 5, 3, 12, 6, 12, 6, 14, 15, 24, 26, 29, 20, 29, 15, 34, 34, 26, 20, 30, 40, 38, 40, 42, 49, 43, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j3039\_10.sm 60

final date： [0, 0, 0, 0, 13, 8, 8, 13, 17, 16, 20, 2, 20, 14, 16, 29, 17, 13, 29, 23, 33, 20, 33, 41, 30, 41, 45, 38, 59, 50, 35, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3039\_2.sm 54

final date： [0, 0, 0, 2, 1, 1, 7, 9, 7, 1, 11, 21, 9, 11, 21, 21, 27, 31, 33, 13, 40, 21, 33, 44, 27, 36, 44, 27, 40, 47, 46, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j3039\_3.sm 54

8 -0.2243974208831787 54 0.0 0

final date： [0, 0, 0, 0, 6, 8, 3, 13, 18, 7, 8, 8, 7, 14, 13, 24, 34, 18, 14, 17, 17, 25, 24, 25, 35, 44, 34, 35, 44, 24, 46, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.25 s

j3039\_4.sm 53

final date： [0, 0, 0, 0, 5, 15, 7, 5, 1, 15, 11, 22, 6, 18, 22, 15, 11, 23, 23, 30, 27, 38, 27, 30, 40, 36, 36, 27, 50, 44, 38, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j3039\_5.sm 55

final date： [0, 0, 8, 0, 10, 10, 10, 8, 16, 18, 24, 20, 21, 19, 10, 18, 20, 27, 29, 27, 30, 24, 16, 24, 33, 33, 33, 42, 33, 51, 40, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j3039\_6.sm 69

8 -0.22240424156188965 69 0.0 0

final date： [0, 0, 0, 10, 19, 10, 12, 19, 26, 26, 28, 12, 29, 18, 29, 33, 33, 36, 38, 44, 44, 10, 38, 52, 59, 44, 59, 37, 67, 54, 38, 69]

finalduration： 69 opm 69 deviation 0.0 % time 0.25 s

j3039\_7.sm 56

final date： [0, 0, 0, 0, 9, 9, 2, 9, 2, 19, 9, 22, 9, 15, 19, 15, 13, 22, 25, 22, 26, 30, 26, 29, 39, 29, 29, 31, 42, 49, 36, 56]

finalduration： 56 opm 56 deviation 0.0 % time 0.01 s

j3039\_8.sm 67

final date： [0, 0, 0, 0, 4, 6, 12, 12, 20, 12, 25, 6, 15, 20, 4, 29, 37, 20, 28, 25, 19, 33, 47, 37, 29, 37, 53, 47, 40, 58, 58, 67]

finalduration： 67 opm 67 deviation 0.0 % time 0.01 s

j3039\_9.sm 64

8 -0.17656588554382324 64 0.0 0

final date： [0, 0, 0, 0, 10, 5, 12, 21, 16, 5, 16, 5, 22, 10, 20, 22, 25, 30, 39, 33, 31, 30, 40, 40, 40, 47, 54, 47, 53, 57, 54, 64]

finalduration： 64 opm 64 deviation 0.0 % time 0.2 s

j303\_1.sm 72

final date： [0, 0, 0, 0, 4, 7, 10, 20, 20, 10, 10, 30, 27, 21, 37, 21, 16, 27, 16, 39, 38, 37, 9, 37, 47, 47, 55, 49, 46, 54, 63, 72]

finalduration： 72 opm 72 deviation 0.0 % time 0.01 s

j303\_10.sm 59

8 -0.1795191764831543 59 0.0 0

final date： [0, 0, 0, 0, 2, 9, 4, 9, 9, 5, 14, 10, 10, 17, 15, 25, 23, 17, 14, 15, 8, 23, 25, 4, 32, 39, 46, 24, 50, 33, 16, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.21 s

j303\_2.sm 40

final date： [0, 0, 0, 0, 5, 6, 12, 11, 12, 9, 20, 6, 21, 14, 21, 26, 17, 21, 12, 20, 12, 22, 25, 28, 28, 20, 28, 28, 30, 24, 37, 40]

finalduration： 40 opm 40 deviation 0.0 % time 0.01 s

j303\_3.sm 57

final date： [0, 7, 0, 0, 14, 6, 20, 6, 1, 7, 20, 21, 6, 14, 13, 10, 20, 24, 20, 1, 16, 26, 7, 36, 45, 13, 36, 28, 40, 47, 45, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j303\_4.sm 98

final date： [0, 0, 0, 0, 3, 13, 7, 13, 18, 28, 36, 45, 36, 36, 28, 52, 45, 7, 52, 45, 18, 61, 41, 18, 36, 71, 78, 81, 51, 53, 89, 98]

finalduration： 98 opm 98 deviation 0.0 % time 0.01 s

j303\_5.sm 53

final date： [0, 0, 0, 0, 1, 9, 7, 9, 18, 18, 18, 1, 26, 9, 17, 14, 7, 22, 30, 35, 22, 35, 22, 13, 9, 28, 20, 41, 43, 45, 45, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j303\_6.sm 54

final date： [0, 0, 2, 1, 1, 1, 1, 3, 3, 3, 11, 15, 11, 15, 25, 15, 26, 14, 21, 25, 3, 31, 25, 15, 4, 31, 40, 38, 19, 44, 35, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j303\_7.sm 48

final date： [0, 0, 10, 0, 10, 16, 23, 16, 10, 32, 16, 16, 8, 17, 21, 16, 21, 24, 16, 27, 24, 25, 8, 24, 22, 28, 24, 34, 38, 10, 40, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j303\_8.sm 54

final date： [0, 0, 0, 0, 7, 5, 12, 7, 11, 16, 7, 4, 11, 13, 5, 26, 11, 12, 13, 20, 29, 14, 16, 5, 15, 35, 17, 38, 44, 20, 44, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j303\_9.sm 65

8 -0.2393200397491455 65 0.0 0

final date： [0, 0, 0, 0, 6, 11, 1, 14, 1, 15, 2, 2, 6, 11, 13, 21, 10, 2, 14, 22, 30, 15, 21, 16, 6, 37, 22, 47, 47, 30, 56, 65]

finalduration： 65 opm 65 deviation 0.0 % time 0.27 s

j3040\_1.sm 51

final date： [0, 0, 0, 0, 1, 7, 2, 7, 7, 1, 17, 17, 24, 1, 24, 17, 26, 26, 33, 30, 38, 38, 46, 17, 33, 40, 30, 38, 35, 49, 46, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3040\_10.sm 51

final date： [0, 0, 0, 0, 5, 9, 9, 15, 16, 4, 5, 10, 16, 10, 18, 16, 16, 18, 22, 23, 22, 28, 34, 25, 37, 31, 34, 39, 40, 32, 45, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3040\_2.sm 56

final date： [0, 0, 0, 0, 7, 1, 16, 7, 7, 17, 25, 6, 1, 24, 15, 16, 31, 34, 37, 25, 35, 34, 24, 25, 34, 44, 42, 42, 48, 44, 43, 56]

finalduration： 56 opm 56 deviation 0.0 % time 0.01 s

j3040\_3.sm 57

final date： [0, 0, 0, 0, 1, 7, 9, 7, 1, 17, 9, 9, 17, 10, 24, 9, 24, 17, 27, 18, 27, 24, 13, 34, 27, 27, 41, 41, 51, 30, 51, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3040\_4.sm 57

final date： [0, 0, 0, 0, 6, 6, 6, 9, 3, 18, 11, 18, 18, 13, 27, 24, 23, 27, 18, 13, 36, 37, 37, 37, 31, 46, 43, 46, 48, 34, 43, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3040\_5.sm 65

final date： [0, 0, 0, 0, 6, 13, 13, 23, 13, 3, 9, 23, 6, 22, 26, 23, 32, 26, 31, 27, 37, 37, 31, 33, 39, 47, 47, 47, 57, 55, 37, 65]

finalduration： 65 opm 65 deviation 0.0 % time 0.01 s

j3040\_6.sm 60

final date： [0, 0, 0, 0, 7, 12, 12, 19, 7, 10, 17, 15, 15, 21, 21, 28, 38, 25, 25, 29, 27, 21, 34, 39, 40, 29, 38, 49, 44, 40, 52, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3040\_7.sm 46

final date： [0, 0, 0, 0, 5, 1, 1, 11, 5, 15, 11, 11, 17, 14, 11, 20, 20, 25, 23, 17, 26, 32, 31, 31, 23, 32, 35, 26, 41, 37, 32, 46]

finalduration： 46 opm 46 deviation 0.0 % time 0.01 s

j3040\_8.sm 57

final date： [0, 0, 0, 0, 10, 5, 10, 5, 20, 10, 20, 12, 5, 20, 20, 12, 26, 24, 30, 30, 22, 35, 24, 35, 36, 33, 41, 40, 33, 41, 51, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3040\_9.sm 64

final date： [0, 0, 0, 0, 9, 8, 8, 9, 9, 14, 11, 14, 15, 21, 31, 20, 31, 8, 41, 20, 41, 51, 38, 25, 51, 21, 32, 32, 52, 61, 47, 64]

finalduration： 64 opm 64 deviation 0.0 % time 0.01 s

j3041\_1.sm 86

8 -0.3383798599243164 101 17.441860465116278 0

16 -0.6326258182525635 94 9.30232558139535 0

24 -0.9028635025024414 92 6.976744186046512 0

32 -1.185204029083252 91 5.813953488372093 0

40 -1.4754247665405273 91 5.813953488372093 0

48 -1.7177741527557373 91 5.813953488372093 0

56 -1.9950692653656006 91 5.813953488372093 0

64 -2.2882437705993652 91 5.813953488372093 0

72 -2.626410961151123 91 5.813953488372093 0

80 -2.911155939102173 91 5.813953488372093 0

88 -3.2160141468048096 91 5.813953488372093 0

96 -3.555232048034668 91 5.813953488372093 0

104 -3.932218551635742 91 5.813953488372093 0

112 -4.252012014389038 91 5.813953488372093 0

120 -4.5951619148254395 91 5.813953488372093 0

128 -4.864478826522827 88 2.3255813953488373 0

136 -5.196547031402588 88 2.3255813953488373 0

144 -5.45546555519104 88 2.3255813953488373 0

152 -5.704756736755371 88 2.3255813953488373 0

160 -6.018915414810181 88 2.3255813953488373 0

168 -6.3025758266448975 88 2.3255813953488373 0

176 -6.610746383666992 88 2.3255813953488373 0

184 -6.886008024215698 88 2.3255813953488373 0

192 -7.203713893890381 88 2.3255813953488373 0

200 -7.540238618850708 88 2.3255813953488373 0

208 -7.915680646896362 88 2.3255813953488373 0

216 -8.306668281555176 88 2.3255813953488373 0

224 -8.574951410293579 88 2.3255813953488373 0

232 -8.832254409790039 88 2.3255813953488373 0

240 -9.141757726669312 88 2.3255813953488373 0

248 -9.481167316436768 88 2.3255813953488373 0

256 -9.926971912384033 88 2.3255813953488373 0

264 -10.311119079589844 88 2.3255813953488373 0

272 -10.560494184494019 88 2.3255813953488373 0

280 -10.808824062347412 88 2.3255813953488373 0

288 -11.045193433761597 88 2.3255813953488373 0

296 -11.337399244308472 88 2.3255813953488373 0

304 -11.59367561340332 88 2.3255813953488373 0

312 -11.879905939102173 88 2.3255813953488373 0

320 -12.207557678222656 88 2.3255813953488373 0

328 -12.56859040260315 88 2.3255813953488373 0

336 -12.888875007629395 88 2.3255813953488373 0

344 -13.176145076751709 88 2.3255813953488373 0

352 -13.421615839004517 88 2.3255813953488373 0

360 -13.662967920303345 88 2.3255813953488373 0

368 -13.903322458267212 88 2.3255813953488373 0

14 27 88

376 -16.033945560455322 88 2.3255813953488373 0

7 16 88

384 -18.25195336341858 88 2.3255813953488373 0

18 22 88

392 -20.332698583602905 88 2.3255813953488373 0

3 17 88

400 -22.30166268348694 88 2.3255813953488373 0

12 30 88

408 -24.398573637008667 88 2.3255813953488373 0

10 23 88

416 -26.360434770584106 88 2.3255813953488373 0

10 22 88

424 -28.305941581726074 88 2.3255813953488373 0

27 30 88

432 -30.099817514419556 88 2.3255813953488373 0

11 24 88

440 -32.31060171127319 88 2.3255813953488373 0

5 23 88

448 -34.244247913360596 88 2.3255813953488373 0

26 28 88

456 -36.43085837364197 88 2.3255813953488373 0

18 22 88

464 -38.44588017463684 88 2.3255813953488373 0

1 22 88

472 -40.48325538635254 88 2.3255813953488373 0

13 21 88

480 -42.32646131515503 88 2.3255813953488373 0

8 17 88

488 -44.16692757606506 88 2.3255813953488373 0

25 28 88

496 -45.89777231216431 88 2.3255813953488373 0

20 24 88

504 -47.66443061828613 88 2.3255813953488373 0

27 29 88

512 -49.55252981185913 88 2.3255813953488373 0

18 25 88

520 -51.39330792427063 88 2.3255813953488373 0

2 7 88

528 -53.2541823387146 88 2.3255813953488373 0

11 14 88

536 -55.1757116317749 88 2.3255813953488373 0

17 28 88

544 -57.011913776397705 88 2.3255813953488373 0

5 7 88

552 -58.92119741439819 88 2.3255813953488373 0

15 24 88

560 -61.196349143981934 88 2.3255813953488373 0

14 26 88

568 -63.044800758361816 88 2.3255813953488373 0

12 27 88

576 -65.09478807449341 88 2.3255813953488373 0

14 23 88

584 -67.37548923492432 88 2.3255813953488373 0

6 14 88

592 -69.30382752418518 88 2.3255813953488373 0

10 13 88

600 -71.12901163101196 88 2.3255813953488373 0

22 30 88

608 -73.35928225517273 88 2.3255813953488373 0

1 7 88

616 -75.3062801361084 88 2.3255813953488373 0

23 26 88

624 -77.72003149986267 88 2.3255813953488373 0

5 8 88

632 -80.22195339202881 88 2.3255813953488373 0

13 28 88

640 -82.16938495635986 88 2.3255813953488373 0

9 13 88

648 -84.07077836990356 88 2.3255813953488373 0

27 29 88

656 -86.0743396282196 88 2.3255813953488373 0

7 18 88

664 -88.06189036369324 88 2.3255813953488373 0

22 24 88

672 -90.34270596504211 88 2.3255813953488373 0

18 28 88

680 -92.40075922012329 88 2.3255813953488373 0

11 29 88

688 -94.21440362930298 88 2.3255813953488373 0

5 25 88

696 -96.14447236061096 88 2.3255813953488373 0

19 25 88

704 -98.06647372245789 88 2.3255813953488373 0

7 11 88

712 -99.96298623085022 88 2.3255813953488373 0

4 15 88

720 -101.81217002868652 88 2.3255813953488373 0

24 30 88

728 -103.6543288230896 88 2.3255813953488373 0

14 17 88

736 -105.5145754814148 88 2.3255813953488373 0

17 22 88

744 -107.35179591178894 88 2.3255813953488373 0

9 23 88

752 -109.30342984199524 88 2.3255813953488373 0

27 30 88

760 -111.08027863502502 88 2.3255813953488373 0

16 21 88

768 -112.85443019866943 88 2.3255813953488373 0

14 22 88

776 -114.68496584892273 88 2.3255813953488373 0

8 17 88

784 -116.51462769508362 88 2.3255813953488373 0

18 30 88

792 -118.44567346572876 88 2.3255813953488373 0

17 28 88

800 -120.51203417778015 88 2.3255813953488373 0

13 28 88

808 -122.56404614448547 88 2.3255813953488373 0

16 29 88

816 -124.49069714546204 88 2.3255813953488373 0

19 23 88

824 -126.91671991348267 88 2.3255813953488373 0

20 25 88

832 -129.21158456802368 88 2.3255813953488373 0

27 30 88

840 -131.14143586158752 88 2.3255813953488373 0

2 4 88

848 -132.87484908103943 88 2.3255813953488373 0

7 16 88

856 -134.61251187324524 88 2.3255813953488373 0

8 23 88

864 -136.4725694656372 88 2.3255813953488373 0

9 15 88

872 -138.231840133667 88 2.3255813953488373 0

25 30 88

880 -140.03238224983215 88 2.3255813953488373 0

21 24 88

888 -141.88916540145874 88 2.3255813953488373 0

1 9 88

896 -143.66900491714478 88 2.3255813953488373 0

23 27 88

904 -145.3853452205658 88 2.3255813953488373 0

16 19 88

912 -147.19000244140625 88 2.3255813953488373 0

22 30 88

920 -148.9824402332306 88 2.3255813953488373 0

3 11 88

928 -150.6834785938263 88 2.3255813953488373 0

2 27 88

936 -152.5706708431244 88 2.3255813953488373 0

14 30 88

944 -154.50922966003418 88 2.3255813953488373 0

26 29 88

952 -156.25753355026245 88 2.3255813953488373 0

12 30 88

960 -158.14625668525696 88 2.3255813953488373 0

13 16 88

968 -159.94180965423584 88 2.3255813953488373 0

18 28 88

976 -161.76875710487366 88 2.3255813953488373 0

22 26 88

984 -163.55284214019775 88 2.3255813953488373 0

15 22 88

992 -165.47684979438782 88 2.3255813953488373 0

8 18 88

1000 -167.23787188529968 88 2.3255813953488373 0

2 25 88

1008 -169.19115471839905 88 2.3255813953488373 0

8 15 88

1016 -170.9830298423767 88 2.3255813953488373 0

21 28 88

1024 -172.75010752677917 88 2.3255813953488373 0

4 14 88

1032 -174.44642639160156 88 2.3255813953488373 0

8 20 88

1040 -176.30926394462585 88 2.3255813953488373 0

7 24 88

1048 -178.16102004051208 88 2.3255813953488373 0

21 27 88

1056 -180.09653234481812 88 2.3255813953488373 0

22 28 88

1064 -181.815101146698 88 2.3255813953488373 0

12 17 88

1072 -183.5021252632141 88 2.3255813953488373 0

6 26 88

1080 -185.47163820266724 88 2.3255813953488373 0

12 20 88

1088 -187.36325073242188 88 2.3255813953488373 0

18 20 88

1096 -189.1017348766327 88 2.3255813953488373 0

4 12 88

1104 -190.81401467323303 88 2.3255813953488373 0

22 28 88

1112 -192.68803524971008 88 2.3255813953488373 0

19 29 88

1120 -194.5338978767395 88 2.3255813953488373 0

17 30 88

1128 -196.32939982414246 88 2.3255813953488373 0

14 23 88

1136 -198.1462686061859 88 2.3255813953488373 0

27 30 88

1144 -200.03404545783997 88 2.3255813953488373 0

4 20 88

1152 -202.11181092262268 88 2.3255813953488373 0

8 13 88

1160 -204.46644377708435 88 2.3255813953488373 0

27 30 88

1168 -206.3981466293335 88 2.3255813953488373 0

1 21 88

1176 -208.44046568870544 88 2.3255813953488373 0

16 24 88

1184 -210.52426552772522 88 2.3255813953488373 0

7 22 88

1192 -212.63792538642883 88 2.3255813953488373 0

12 23 88

1200 -214.66895627975464 88 2.3255813953488373 0

2 16 88

1208 -217.08428502082825 88 2.3255813953488373 0

21 28 88

1216 -219.26669192314148 88 2.3255813953488373 0

1 14 88

1224 -221.2850785255432 88 2.3255813953488373 0

13 25 88

1232 -223.2107162475586 88 2.3255813953488373 0

2 13 88

1240 -225.34338998794556 88 2.3255813953488373 0

4 25 88

1248 -227.34284472465515 88 2.3255813953488373 0

7 11 88

1256 -229.33406734466553 88 2.3255813953488373 0

2 11 88

1264 -231.65934586524963 88 2.3255813953488373 0

24 28 88

1272 -233.819020986557 88 2.3255813953488373 0

7 29 88

1280 -236.21671342849731 88 2.3255813953488373 0

3 9 88

1288 -238.37844562530518 88 2.3255813953488373 0

4 13 88

1296 -240.30784702301025 88 2.3255813953488373 0

3 19 88

1304 -242.32820963859558 88 2.3255813953488373 0

13 20 88

1312 -244.2930290699005 88 2.3255813953488373 0

1 11 88

1320 -246.54422235488892 88 2.3255813953488373 0

16 25 88

1328 -248.76947832107544 88 2.3255813953488373 0

26 30 88

1336 -250.7008364200592 88 2.3255813953488373 0

14 19 88

1344 -252.55989241600037 88 2.3255813953488373 0

18 26 88

1352 -254.49286913871765 88 2.3255813953488373 0

21 23 88

1360 -256.54321360588074 88 2.3255813953488373 0

24 27 88

1368 -258.49165749549866 88 2.3255813953488373 0

28 30 88

1376 -260.92928862571716 88 2.3255813953488373 0

6 24 88

1384 -263.1401193141937 88 2.3255813953488373 0

18 22 88

1392 -265.7560086250305 88 2.3255813953488373 0

12 27 88

1400 -268.1519286632538 88 2.3255813953488373 0

21 29 88

1408 -270.0479552745819 88 2.3255813953488373 0

5 19 86

yes 86

1418 -271.95205426216125 86 0.0 0

final date： [0, 4, 25, 0, 8, 7, 20, 10, 25, 14, 13, 22, 34, 40, 26, 30, 58, 38, 41, 44, 50, 66, 65, 35, 55, 55, 66, 64, 72, 85, 81, 86]

finalduration： 86 opm 86 deviation 0.0 % time 271.98 s

j3041\_10.sm 99

8 -0.2692406177520752 102 3.0303030303030303 0

16 -0.5411782264709473 102 3.0303030303030303 0

24 -0.8229146003723145 102 3.0303030303030303 0

32 -1.0921943187713623 102 3.0303030303030303 0

40 -1.3783888816833496 102 3.0303030303030303 0

48 -1.654646873474121 102 3.0303030303030303 0

56 -1.9334361553192139 102 3.0303030303030303 0

64 -2.2146828174591064 102 3.0303030303030303 0

72 -2.4912824630737305 102 3.0303030303030303 0

80 -2.7615201473236084 102 3.0303030303030303 0

88 -3.113654613494873 102 3.0303030303030303 0

96 -3.3965117931365967 102 3.0303030303030303 0

104 -3.6728076934814453 102 3.0303030303030303 0

112 -3.969024181365967 102 3.0303030303030303 0

120 -4.27918267250061 102 3.0303030303030303 0

128 -4.550454616546631 100 1.0101010101010102 0

136 -4.82353401184082 100 1.0101010101010102 0

144 -5.117743253707886 100 1.0101010101010102 0

152 -5.394758939743042 100 1.0101010101010102 0

160 -5.675083875656128 100 1.0101010101010102 0

168 -5.951431035995483 100 1.0101010101010102 0

176 -6.228687286376953 100 1.0101010101010102 0

184 -6.4990012645721436 100 1.0101010101010102 0

192 -6.787862062454224 100 1.0101010101010102 0

200 -7.077645301818848 100 1.0101010101010102 0

208 -7.357893705368042 100 1.0101010101010102 0

216 -7.65313982963562 100 1.0101010101010102 0

224 -8.025739669799805 100 1.0101010101010102 0

232 -8.419265508651733 100 1.0101010101010102 0

240 -8.697519063949585 100 1.0101010101010102 0

248 -9.119990110397339 100 1.0101010101010102 0

256 -9.473044157028198 100 1.0101010101010102 0

264 -9.759276628494263 100 1.0101010101010102 0

272 -10.031582117080688 100 1.0101010101010102 0

280 -10.298868894577026 100 1.0101010101010102 0

288 -10.601297378540039 100 1.0101010101010102 0

296 -11.022686958312988 100 1.0101010101010102 0

304 -11.391695737838745 100 1.0101010101010102 0

312 -11.672941446304321 100 1.0101010101010102 0

320 -11.969807147979736 100 1.0101010101010102 0

328 -12.32785964012146 100 1.0101010101010102 0

336 -12.68923044204712 100 1.0101010101010102 0

344 -13.016315937042236 100 1.0101010101010102 0

352 -13.383332014083862 100 1.0101010101010102 0

360 -13.688551902770996 100 1.0101010101010102 0

368 -13.969167947769165 99 0.0 0

final date： [0, 2, 32, 0, 2, 11, 21, 11, 39, 38, 26, 41, 32, 62, 28, 48, 57, 53, 48, 41, 58, 70, 50, 85, 68, 67, 62, 76, 89, 77, 89, 99]

finalduration： 99 opm 99 deviation 0.0 % time 14.0 s

j3041\_2.sm 89

8 -0.24534273147583008 93 4.49438202247191 0

16 -0.6812102794647217 93 4.49438202247191 0

24 -0.9480383396148682 93 4.49438202247191 0

32 -1.1964175701141357 93 4.49438202247191 0

40 -1.4586706161499023 93 4.49438202247191 0

48 -1.7544312477111816 93 4.49438202247191 0

56 -2.080512762069702 93 4.49438202247191 0

64 -2.398658275604248 93 4.49438202247191 0

72 -2.647989511489868 93 4.49438202247191 0

80 -2.9047679901123047 93 4.49438202247191 0

88 -3.1630754470825195 93 4.49438202247191 0

96 -3.4253733158111572 92 3.3707865168539324 0

104 -3.6893205642700195 91 2.247191011235955 0

112 -3.9721548557281494 91 2.247191011235955 0

120 -4.217491149902344 90 1.1235955056179776 0

128 -4.590492010116577 90 1.1235955056179776 0

136 -4.920605182647705 90 1.1235955056179776 0

144 -5.270275354385376 90 1.1235955056179776 0

152 -5.55647087097168 90 1.1235955056179776 0

160 -5.878031969070435 90 1.1235955056179776 0

168 -6.232119798660278 90 1.1235955056179776 0

176 -6.48224401473999 90 1.1235955056179776 0

184 -6.728433847427368 90 1.1235955056179776 0

192 -7.007087230682373 90 1.1235955056179776 0

200 -7.357186555862427 90 1.1235955056179776 0

208 -7.598546981811523 90 1.1235955056179776 0

216 -7.856886148452759 90 1.1235955056179776 0

224 -8.109172344207764 90 1.1235955056179776 0

232 -8.408370018005371 90 1.1235955056179776 0

240 -8.677647829055786 90 1.1235955056179776 0

248 -8.95336389541626 90 1.1235955056179776 0

256 -9.20626974105835 90 1.1235955056179776 0

264 -9.52142596244812 90 1.1235955056179776 0

272 -9.77973222732544 90 1.1235955056179776 0

280 -10.091474294662476 90 1.1235955056179776 0

288 -10.334821701049805 90 1.1235955056179776 0

296 -10.740734577178955 90 1.1235955056179776 0

304 -11.173573732376099 90 1.1235955056179776 0

312 -11.451825857162476 90 1.1235955056179776 0

320 -11.693178653717041 90 1.1235955056179776 0

328 -12.097174406051636 90 1.1235955056179776 0

336 -12.419829607009888 90 1.1235955056179776 0

344 -12.688119411468506 90 1.1235955056179776 0

352 -13.028784990310669 90 1.1235955056179776 0

360 -13.303089380264282 90 1.1235955056179776 0

15 30 90

368 -15.84250521659851 90 1.1235955056179776 0

6 30 90

376 -18.40778636932373 90 1.1235955056179776 0

9 27 90

384 -20.44148349761963 90 1.1235955056179776 0

22 29 90

392 -22.342978954315186 90 1.1235955056179776 0

19 23 90

400 -24.28422451019287 90 1.1235955056179776 0

20 30 90

408 -26.30542755126953 90 1.1235955056179776 0

9 19 90

416 -28.203632831573486 90 1.1235955056179776 0

17 26 90

424 -30.139063596725464 90 1.1235955056179776 0

25 30 90

432 -31.98606538772583 90 1.1235955056179776 0

16 26 90

440 -33.89226722717285 90 1.1235955056179776 0

23 29 90

448 -35.73603820800781 90 1.1235955056179776 0

6 12 90

456 -37.84835934638977 90 1.1235955056179776 0

11 26 90

464 -40.1818265914917 90 1.1235955056179776 0

8 25 90

472 -42.575642108917236 90 1.1235955056179776 0

6 15 90

480 -44.869364976882935 90 1.1235955056179776 0

3 26 90

488 -47.11693239212036 90 1.1235955056179776 0

14 30 90

496 -49.383793354034424 90 1.1235955056179776 0

26 28 90

504 -51.543832540512085 90 1.1235955056179776 0

6 27 90

512 -53.81070041656494 90 1.1235955056179776 0

22 27 90

520 -55.95317816734314 90 1.1235955056179776 0

9 11 90

528 -57.91473031044006 90 1.1235955056179776 0

5 11 90

536 -59.83521032333374 90 1.1235955056179776 0

22 29 90

544 -62.26464366912842 90 1.1235955056179776 0

1 5 90

552 -64.3856360912323 90 1.1235955056179776 0

14 22 90

560 -66.64916467666626 90 1.1235955056179776 0

7 13 90

568 -68.90866684913635 90 1.1235955056179776 0

14 22 90

576 -70.89669132232666 90 1.1235955056179776 0

16 21 90

584 -73.15054750442505 90 1.1235955056179776 0

17 20 90

592 -75.42524218559265 90 1.1235955056179776 0

22 30 90

600 -77.64069104194641 90 1.1235955056179776 0

10 14 90

608 -80.1100025177002 90 1.1235955056179776 0

7 10 90

616 -82.38868141174316 90 1.1235955056179776 0

25 28 90

624 -84.26190495491028 90 1.1235955056179776 0

27 30 90

632 -86.4171724319458 90 1.1235955056179776 0

17 25 90

640 -88.67145824432373 90 1.1235955056179776 0

23 28 90

648 -91.20534253120422 90 1.1235955056179776 0

22 25 90

656 -93.89474272727966 90 1.1235955056179776 0

10 30 90

664 -96.26371121406555 90 1.1235955056179776 0

27 29 90

672 -98.20288276672363 90 1.1235955056179776 0

2 21 90

680 -100.24555993080139 90 1.1235955056179776 0

9 13 90

688 -102.20869708061218 90 1.1235955056179776 0

2 17 90

696 -104.17810893058777 90 1.1235955056179776 0

8 24 90

704 -106.0605685710907 90 1.1235955056179776 0

14 27 90

712 -108.06256771087646 90 1.1235955056179776 0

26 30 90

720 -109.95022320747375 90 1.1235955056179776 0

5 20 90

728 -112.02068209648132 90 1.1235955056179776 0

10 26 90

736 -114.19660305976868 90 1.1235955056179776 0

6 17 90

744 -116.2086091041565 90 1.1235955056179776 0

4 30 90

752 -118.26789402961731 90 1.1235955056179776 0

14 19 90

760 -120.17654800415039 90 1.1235955056179776 0

7 22 90

768 -122.1984167098999 90 1.1235955056179776 0

16 19 90

776 -124.08361196517944 90 1.1235955056179776 0

23 26 90

784 -125.91791224479675 90 1.1235955056179776 0

15 29 90

792 -127.86364269256592 90 1.1235955056179776 0

26 28 90

800 -129.74180006980896 90 1.1235955056179776 0

2 20 90

808 -131.81185936927795 90 1.1235955056179776 0

28 30 90

816 -133.76220798492432 90 1.1235955056179776 0

19 24 90

824 -135.76323890686035 90 1.1235955056179776 0

3 21 90

832 -137.79750990867615 90 1.1235955056179776 0

11 20 90

840 -139.75525736808777 90 1.1235955056179776 0

9 21 90

848 -141.69208312034607 90 1.1235955056179776 0

13 18 90

856 -143.68374347686768 90 1.1235955056179776 0

11 24 90

864 -145.74686074256897 89 0.0 0

final date： [0, 0, 8, 10, 8, 26, 34, 37, 13, 32, 37, 50, 19, 50, 26, 40, 19, 42, 55, 55, 60, 69, 67, 60, 67, 72, 67, 79, 82, 76, 87, 89]

finalduration： 89 opm 89 deviation 0.0 % time 145.77 s

j3041\_3.sm 85

8 -0.22439813613891602 86 1.1764705882352942 0

16 -0.4737684726715088 86 1.1764705882352942 0

24 -0.718113899230957 86 1.1764705882352942 0

32 -0.9614591598510742 86 1.1764705882352942 0

40 -1.285578727722168 86 1.1764705882352942 0

48 -1.5855679512023926 86 1.1764705882352942 0

56 -1.8208978176116943 86 1.1764705882352942 0

64 -2.0543086528778076 86 1.1764705882352942 0

72 -2.2986178398132324 86 1.1764705882352942 0

80 -2.548068046569824 86 1.1764705882352942 0

88 -2.867354393005371 86 1.1764705882352942 0

96 -3.1197173595428467 86 1.1764705882352942 0

104 -3.3491034507751465 86 1.1764705882352942 0

112 -3.573460817337036 86 1.1764705882352942 0

120 -3.9115540981292725 86 1.1764705882352942 0

128 -4.149914979934692 86 1.1764705882352942 0

136 -4.392265319824219 86 1.1764705882352942 0

144 -4.627673625946045 86 1.1764705882352942 0

152 -4.872015953063965 86 1.1764705882352942 0

160 -5.200098276138306 86 1.1764705882352942 0

168 -5.433472633361816 86 1.1764705882352942 0

176 -5.667439699172974 86 1.1764705882352942 0

184 -5.999715328216553 86 1.1764705882352942 0

192 -6.249009370803833 85 0.0 0

final date： [0, 0, 0, 20, 10, 20, 10, 30, 50, 7, 58, 30, 40, 30, 48, 45, 59, 40, 49, 68, 52, 74, 74, 49, 79, 60, 70, 62, 68, 79, 81, 85]

finalduration： 85 opm 85 deviation 0.0 % time 6.29 s

j3041\_4.sm 78

8 -0.2154223918914795 83 6.41025641025641 0

16 -0.5166158676147461 83 6.41025641025641 0

24 -0.9095621109008789 83 6.41025641025641 0

32 -1.2217233180999756 83 6.41025641025641 0

40 -1.4489359855651855 82 5.128205128205128 0

48 -1.8139584064483643 81 3.8461538461538463 0

56 -2.1865732669830322 78 0.0 0

final date： [0, 0, 13, 0, 19, 9, 10, 31, 19, 20, 10, 27, 13, 4, 28, 35, 41, 31, 40, 40, 47, 54, 43, 43, 54, 40, 56, 66, 58, 69, 59, 78]

finalduration： 78 opm 78 deviation 0.0 % time 2.22 s

j3041\_5.sm 99

8 -0.345076322555542 107 8.080808080808081 0

16 -0.7440061569213867 102 3.0303030303030303 0

24 -1.0362589359283447 101 2.0202020202020203 0

32 -1.314513921737671 101 2.0202020202020203 0

40 -1.6455881595611572 101 2.0202020202020203 0

48 -2.106097459793091 101 2.0202020202020203 0

56 -2.378641128540039 101 2.0202020202020203 0

64 -2.7284629344940186 101 2.0202020202020203 0

72 -2.9917540550231934 99 0.0 0

final date： [0, 4, 18, 0, 17, 36, 41, 10, 28, 22, 29, 44, 52, 67, 57, 38, 43, 63, 55, 73, 59, 79, 52, 69, 78, 90, 84, 81, 86, 96, 89, 99]

finalduration： 99 opm 99 deviation 0.0 % time 3.02 s

j3041\_6.sm 103

8 -0.2652888298034668 109 5.825242718446602 0

16 -0.5660309791564941 109 5.825242718446602 0

24 -0.8969235420227051 108 4.854368932038835 0

32 -1.2040770053863525 107 3.8834951456310676 0

40 -1.5581130981445312 107 3.8834951456310676 0

48 -1.9636192321777344 107 3.8834951456310676 0

56 -2.437713384628296 107 3.8834951456310676 0

64 -2.7130138874053955 107 3.8834951456310676 0

72 -2.9793081283569336 107 3.8834951456310676 0

80 -3.3217952251434326 107 3.8834951456310676 0

88 -3.6210391521453857 107 3.8834951456310676 0

96 -3.902961492538452 107 3.8834951456310676 0

104 -4.2121336460113525 107 3.8834951456310676 0

112 -4.663630485534668 107 3.8834951456310676 0

120 -5.0316386222839355 107 3.8834951456310676 0

128 -5.388681888580322 107 3.8834951456310676 0

136 -5.721787929534912 107 3.8834951456310676 0

144 -6.036596059799194 107 3.8834951456310676 0

152 -6.5223228931427 107 3.8834951456310676 0

160 -6.945188045501709 107 3.8834951456310676 0

168 -7.429888486862183 107 3.8834951456310676 0

176 -7.9125940799713135 107 3.8834951456310676 0

184 -8.39818525314331 107 3.8834951456310676 0

192 -8.731290578842163 107 3.8834951456310676 0

200 -9.020560026168823 107 3.8834951456310676 0

208 -9.424010992050171 107 3.8834951456310676 0

216 -9.8802969455719 107 3.8834951456310676 0

224 -10.355531930923462 107 3.8834951456310676 0

232 -10.763437509536743 107 3.8834951456310676 0

240 -11.033360958099365 107 3.8834951456310676 0

248 -11.349259376525879 107 3.8834951456310676 0

256 -11.778109073638916 107 3.8834951456310676 0

264 -12.198979139328003 107 3.8834951456310676 0

272 -12.540064334869385 107 3.8834951456310676 0

21 29 107

280 -15.202937364578247 107 3.8834951456310676 0

22 27 107

288 -17.99955677986145 107 3.8834951456310676 0

27 29 107

296 -20.067663431167603 107 3.8834951456310676 0

16 18 107

304 -22.012190580368042 107 3.8834951456310676 0

22 24 107

312 -24.208150148391724 107 3.8834951456310676 0

12 20 107

320 -26.41632628440857 107 3.8834951456310676 0

25 27 107

328 -28.290895700454712 107 3.8834951456310676 0

6 29 107

336 -30.34040641784668 107 3.8834951456310676 0

9 30 107

344 -32.6250855922699 107 3.8834951456310676 0

16 24 107

352 -35.15611147880554 107 3.8834951456310676 0

10 14 107

360 -37.423553705215454 107 3.8834951456310676 0

13 20 107

368 -39.362098693847656 107 3.8834951456310676 0

27 29 107

376 -41.21798658370972 107 3.8834951456310676 0

3 23 107

384 -43.16799235343933 107 3.8834951456310676 0

2 29 104

yes 104

394 -45.11039900779724 104 0.9708737864077669 0

402 -45.382848262786865 104 0.9708737864077669 0

410 -45.69263195991516 104 0.9708737864077669 0

418 -45.96645379066467 104 0.9708737864077669 0

426 -46.291622161865234 104 0.9708737864077669 0

434 -46.57187008857727 104 0.9708737864077669 0

442 -46.85211634635925 104 0.9708737864077669 0

450 -47.12897706031799 104 0.9708737864077669 0

458 -47.41716909408569 104 0.9708737864077669 0

466 -47.712416648864746 104 0.9708737864077669 0

474 -48.08437991142273 104 0.9708737864077669 0

482 -48.36432194709778 104 0.9708737864077669 0

490 -48.646562814712524 104 0.9708737864077669 0

498 -48.936784982681274 104 0.9708737864077669 0

506 -49.24193048477173 104 0.9708737864077669 0

514 -49.57505750656128 104 0.9708737864077669 0

522 -49.847325563430786 104 0.9708737864077669 0

530 -50.127485513687134 104 0.9708737864077669 0

538 -50.416791915893555 104 0.9708737864077669 0

546 -50.695048093795776 104 0.9708737864077669 0

554 -50.96632099151611 104 0.9708737864077669 0

562 -51.24334001541138 104 0.9708737864077669 0

570 -51.51865243911743 104 0.9708737864077669 0

578 -51.790915966033936 104 0.9708737864077669 0

586 -52.06917357444763 104 0.9708737864077669 0

594 -52.34143877029419 104 0.9708737864077669 0

602 -52.607725858688354 104 0.9708737864077669 0

610 -52.87999415397644 104 0.9708737864077669 0

618 -53.15462851524353 104 0.9708737864077669 0

626 -53.443814754486084 104 0.9708737864077669 0

634 -53.71413540840149 104 0.9708737864077669 0

3 15 104

642 -55.52704381942749 104 0.9708737864077669 0

23 28 104

650 -57.19665193557739 104 0.9708737864077669 0

7 15 104

658 -59.07219409942627 104 0.9708737864077669 0

25 27 104

666 -60.76356315612793 104 0.9708737864077669 0

26 29 104

674 -62.52819895744324 104 0.9708737864077669 0

14 25 104

682 -64.51810932159424 104 0.9708737864077669 0

7 14 104

690 -66.34641075134277 104 0.9708737864077669 0

17 23 104

698 -68.50709509849548 104 0.9708737864077669 0

1 16 104

706 -70.37465190887451 104 0.9708737864077669 0

1 23 104

714 -72.34833097457886 104 0.9708737864077669 0

15 18 104

722 -74.31490516662598 104 0.9708737864077669 0

6 13 104

730 -76.14254093170166 104 0.9708737864077669 0

9 17 104

738 -77.97530674934387 104 0.9708737864077669 0

17 24 104

746 -79.90141916275024 104 0.9708737864077669 0

10 20 104

754 -81.86806988716125 104 0.9708737864077669 0

2 7 104

762 -83.82816743850708 104 0.9708737864077669 0

22 27 103

yes 103

772 -85.93632507324219 103 0.0 0

final date： [0, 0, 9, 15, 10, 17, 25, 18, 12, 34, 35, 46, 34, 57, 21, 79, 74, 39, 52, 83, 88, 64, 72, 81, 52, 80, 56, 84, 98, 97, 92, 103]

finalduration： 103 opm 103 deviation 0.0 % time 85.97 s

j3041\_7.sm 92

8 -0.2937779426574707 107 16.304347826086957 0

16 -0.6647815704345703 99 7.608695652173914 0

24 -0.9341368675231934 97 5.434782608695652 0

32 -1.356971025466919 97 5.434782608695652 0

40 -1.702045202255249 97 5.434782608695652 0

48 -2.158820390701294 97 5.434782608695652 0

56 -2.4401018619537354 97 5.434782608695652 0

64 -2.690429925918579 96 4.3478260869565215 0

72 -2.9511709213256836 96 4.3478260869565215 0

80 -3.339606523513794 96 4.3478260869565215 0

88 -3.6498167514801025 96 4.3478260869565215 0

96 -3.909217357635498 96 4.3478260869565215 0

104 -4.166527271270752 95 3.260869565217391 0

112 -4.45641565322876 93 1.0869565217391304 0

120 -4.83248233795166 93 1.0869565217391304 0

128 -5.093817710876465 93 1.0869565217391304 0

136 -5.472765684127808 93 1.0869565217391304 0

144 -5.742599964141846 93 1.0869565217391304 0

152 -6.137503623962402 93 1.0869565217391304 0

160 -6.535077333450317 93 1.0869565217391304 0

168 -6.861238479614258 93 1.0869565217391304 0

176 -7.106582403182983 92 0.0 0

final date： [0, 9, 9, 0, 18, 13, 32, 28, 40, 54, 18, 58, 28, 34, 28, 50, 50, 34, 40, 39, 62, 68, 65, 77, 68, 45, 72, 78, 68, 83, 88, 92]

finalduration： 92 opm 92 deviation 0.0 % time 7.13 s

j3041\_8.sm 88

8 -0.2543513774871826 101 14.772727272727273 0

16 -0.4967014789581299 92 4.545454545454546 0

24 -0.7370567321777344 92 4.545454545454546 0

32 -0.9784092903137207 91 3.4090909090909087 0

40 -1.2287383079528809 89 1.1363636363636365 0

48 -1.4728989601135254 89 1.1363636363636365 0

56 -1.721231460571289 89 1.1363636363636365 0

64 -1.9721250534057617 89 1.1363636363636365 0

72 -2.3906216621398926 89 1.1363636363636365 0

80 -2.7067737579345703 89 1.1363636363636365 0

88 -3.098620653152466 89 1.1363636363636365 0

96 -3.4013705253601074 89 1.1363636363636365 0

104 -3.658679246902466 89 1.1363636363636365 0

112 -3.9299521446228027 89 1.1363636363636365 0

120 -4.170306921005249 89 1.1363636363636365 0

128 -4.418641090393066 89 1.1363636363636365 0

136 -4.706869840621948 89 1.1363636363636365 0

144 -4.957196950912476 89 1.1363636363636365 0

152 -5.196410417556763 89 1.1363636363636365 0

160 -5.434771299362183 89 1.1363636363636365 0

168 -5.691084384918213 89 1.1363636363636365 0

176 -6.062652826309204 89 1.1363636363636365 0

184 -6.497620582580566 89 1.1363636363636365 0

192 -6.806829452514648 89 1.1363636363636365 0

200 -7.0488152503967285 89 1.1363636363636365 0

208 -7.29311990737915 89 1.1363636363636365 0

216 -7.54349684715271 89 1.1363636363636365 0

224 -7.796807289123535 89 1.1363636363636365 0

232 -8.045243501663208 89 1.1363636363636365 0

240 -8.287218809127808 89 1.1363636363636365 0

248 -8.645222902297974 88 0.0 0

final date： [0, 1, 0, 3, 19, 18, 29, 21, 36, 10, 34, 10, 34, 36, 58, 44, 27, 66, 37, 54, 53, 47, 68, 41, 67, 68, 77, 78, 80, 63, 72, 88]

finalduration： 88 opm 88 deviation 0.0 % time 8.69 s

j3041\_9.sm 92

8 -0.2937912940979004 102 10.869565217391305 0

16 -0.7027449607849121 102 10.869565217391305 0

24 -1.1545348167419434 101 9.782608695652174 0

32 -1.499645709991455 99 7.608695652173914 0

40 -1.749936580657959 99 7.608695652173914 0

48 -2.012233257293701 99 7.608695652173914 0

56 -2.442741870880127 98 6.521739130434782 0

64 -2.719419240951538 96 4.3478260869565215 0

72 -3.0355331897735596 96 4.3478260869565215 0

80 -3.322761297225952 96 4.3478260869565215 0

88 -3.6749141216278076 94 2.1739130434782608 0

96 -3.9329986572265625 94 2.1739130434782608 0

104 -4.1779515743255615 94 2.1739130434782608 0

112 -4.419301986694336 94 2.1739130434782608 0

120 -4.67457914352417 94 2.1739130434782608 0

128 -4.9085693359375 94 2.1739130434782608 0

136 -5.289510488510132 92 0.0 0

final date： [0, 0, 13, 23, 9, 31, 13, 31, 23, 27, 10, 18, 35, 38, 34, 41, 58, 40, 40, 67, 48, 78, 58, 41, 69, 71, 64, 67, 86, 87, 79, 92]

finalduration： 92 opm 92 deviation 0.0 % time 5.33 s

j3042\_1.sm 58

final date： [0, 0, 0, 0, 9, 17, 9, 9, 10, 20, 33, 18, 10, 26, 35, 35, 28, 18, 37, 39, 27, 37, 43, 47, 49, 44, 39, 45, 55, 39, 50, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3042\_10.sm 75

final date： [0, 0, 0, 11, 9, 10, 10, 17, 25, 15, 25, 25, 26, 15, 30, 26, 35, 35, 34, 40, 35, 50, 50, 59, 40, 52, 59, 36, 64, 69, 60, 75]

finalduration： 75 opm 75 deviation 0.0 % time 0.01 s

j3042\_2.sm 50

8 -0.12743544578552246 51 2.0 0

16 -0.2660641670227051 50 0.0 0

final date： [0, 0, 0, 2, 6, 12, 24, 10, 20, 13, 20, 27, 24, 13, 10, 31, 20, 30, 23, 31, 31, 38, 26, 27, 31, 38, 27, 41, 43, 42, 40, 50]

finalduration： 50 opm 50 deviation 0.0 % time 0.28 s

j3042\_3.sm 60

8 -0.2044515609741211 63 5.0 0

16 -0.3800208568572998 62 3.3333333333333335 0

24 -0.6372923851013184 62 3.3333333333333335 0

32 -0.8986914157867432 62 3.3333333333333335 0

40 -1.140052080154419 60 0.0 0

final date： [0, 1, 0, 0, 8, 10, 1, 20, 20, 10, 16, 26, 38, 22, 32, 26, 36, 10, 36, 16, 30, 45, 34, 44, 45, 49, 44, 42, 56, 49, 52, 60]

finalduration： 60 opm 60 deviation 0.0 % time 1.16 s

j3042\_4.sm 49

8 -0.15861201286315918 49 0.0 0

final date： [0, 0, 0, 0, 22, 3, 17, 28, 12, 9, 16, 14, 14, 9, 21, 31, 34, 22, 15, 22, 26, 39, 16, 31, 31, 37, 34, 34, 43, 47, 43, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.17 s

j3042\_5.sm 52

final date： [0, 0, 0, 0, 4, 4, 7, 5, 4, 8, 20, 5, 9, 20, 9, 17, 30, 7, 37, 12, 17, 12, 11, 26, 35, 39, 35, 42, 45, 26, 42, 52]

finalduration： 52 opm 52 deviation 0.0 % time 0.01 s

j3042\_6.sm 66

8 -0.17652654647827148 68 3.0303030303030303 0

16 -0.3710062503814697 67 1.5151515151515151 0

24 -0.5784485340118408 67 1.5151515151515151 0

32 -0.7613637447357178 67 1.5151515151515151 0

40 -0.9568395614624023 67 1.5151515151515151 0

48 -1.1397790908813477 67 1.5151515151515151 0

56 -1.4070971012115479 67 1.5151515151515151 0

64 -1.5911736488342285 67 1.5151515151515151 0

72 -1.7766664028167725 67 1.5151515151515151 0

80 -2.027953624725342 67 1.5151515151515151 0

88 -2.2398836612701416 67 1.5151515151515151 0

96 -2.4172229766845703 67 1.5151515151515151 0

104 -2.5930778980255127 67 1.5151515151515151 0

112 -2.779576063156128 66 0.0 0

final date： [0, 0, 0, 0, 7, 6, 13, 23, 21, 13, 29, 7, 25, 32, 35, 47, 13, 44, 35, 37, 39, 44, 49, 57, 57, 49, 59, 54, 61, 44, 63, 66]

finalduration： 66 opm 66 deviation 0.0 % time 2.8 s

j3042\_7.sm 66

final date： [0, 0, 0, 0, 10, 6, 19, 19, 13, 19, 13, 21, 29, 38, 48, 32, 51, 38, 32, 24, 21, 25, 44, 51, 57, 42, 32, 56, 56, 57, 60, 66]

finalduration： 66 opm 66 deviation 0.0 % time 0.01 s

j3042\_8.sm 82

final date： [0, 0, 0, 3, 13, 13, 32, 7, 19, 15, 30, 22, 22, 30, 38, 20, 38, 42, 62, 45, 38, 47, 41, 52, 46, 62, 56, 66, 61, 66, 75, 82]

finalduration： 82 opm 82 deviation 0.0 % time 0.01 s

j3042\_9.sm 60

8 -0.16555428504943848 62 3.3333333333333335 0

16 -0.33908987045288086 62 3.3333333333333335 0

24 -0.515615701675415 62 3.3333333333333335 0

32 -0.7021539211273193 62 3.3333333333333335 0

40 -0.8906114101409912 62 3.3333333333333335 0

48 -1.0741190910339355 62 3.3333333333333335 0

56 -1.273583173751831 62 3.3333333333333335 0

64 -1.4491121768951416 61 1.6666666666666667 0

72 -1.6138319969177246 60 0.0 0

final date： [0, 2, 0, 0, 2, 10, 12, 14, 10, 23, 11, 36, 21, 21, 31, 29, 37, 37, 37, 31, 41, 41, 29, 46, 38, 41, 46, 48, 49, 56, 52, 60]

finalduration： 60 opm 60 deviation 0.0 % time 1.63 s

j3043\_1.sm 55

8 -0.1455698013305664 58 5.454545454545454 0

16 -0.3111269474029541 58 5.454545454545454 0

24 -0.5794079303741455 55 0.0 0

final date： [0, 4, 0, 0, 6, 10, 4, 16, 8, 8, 18, 23, 24, 23, 3, 10, 31, 22, 29, 27, 31, 42, 35, 46, 42, 35, 40, 35, 47, 47, 53, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.6 s

j3043\_10.sm 60

final date： [0, 0, 0, 0, 9, 6, 1, 18, 6, 30, 7, 25, 7, 18, 12, 18, 27, 12, 27, 28, 34, 42, 33, 48, 39, 43, 37, 46, 53, 48, 55, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j3043\_2.sm 43

final date： [0, 0, 7, 8, 10, 15, 1, 3, 6, 10, 23, 11, 19, 16, 24, 13, 39, 25, 29, 21, 16, 34, 25, 19, 33, 24, 35, 28, 41, 37, 37, 43]

finalduration： 43 opm 43 deviation 0.0 % time 0.01 s

j3043\_3.sm 57

8 -0.156172513961792 57 0.0 0

final date： [0, 0, 0, 0, 9, 16, 5, 5, 16, 16, 14, 16, 44, 25, 16, 30, 25, 18, 36, 32, 32, 44, 26, 36, 43, 42, 44, 41, 48, 52, 52, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.17 s

j3043\_4.sm 67

final date： [0, 0, 0, 0, 10, 10, 1, 12, 7, 17, 15, 1, 17, 25, 27, 25, 39, 11, 35, 17, 35, 42, 44, 44, 42, 51, 48, 51, 61, 61, 56, 67]

finalduration： 67 opm 67 deviation 0.0 % time 0.01 s

j3043\_5.sm 64

8 -0.19180846214294434 66 3.125 0

16 -0.3663773536682129 66 3.125 0

24 -0.5508828163146973 66 3.125 0

32 -0.7732493877410889 66 3.125 0

40 -0.9623749256134033 66 3.125 0

48 -1.150874137878418 66 3.125 0

56 -1.3403239250183105 66 3.125 0

64 -1.5417826175689697 66 3.125 0

72 -1.717355489730835 64 0.0 0

final date： [0, 0, 2, 0, 3, 8, 16, 4, 18, 8, 7, 3, 10, 13, 20, 14, 20, 20, 28, 46, 40, 22, 29, 23, 39, 37, 48, 48, 52, 55, 55, 64]

finalduration： 64 opm 64 deviation 0.0 % time 1.74 s

j3043\_6.sm 58

8 -0.19649243354797363 59 1.7241379310344827 0

16 -0.37952589988708496 59 1.7241379310344827 0

24 -0.5660274028778076 59 1.7241379310344827 0

32 -0.8442819118499756 59 1.7241379310344827 0

40 -1.1175541877746582 59 1.7241379310344827 0

48 -1.2861013412475586 59 1.7241379310344827 0

56 -1.4496629238128662 59 1.7241379310344827 0

64 -1.6042883396148682 58 0.0 0

final date： [0, 0, 0, 0, 9, 2, 9, 4, 17, 14, 21, 2, 14, 23, 18, 12, 18, 20, 22, 30, 31, 35, 30, 38, 36, 38, 39, 45, 49, 42, 49, 58]

finalduration： 58 opm 58 deviation 0.0 % time 1.62 s

j3043\_7.sm 52

final date： [0, 0, 0, 0, 8, 1, 1, 11, 8, 17, 5, 8, 12, 11, 13, 20, 24, 33, 17, 22, 18, 27, 27, 36, 34, 34, 41, 36, 41, 44, 43, 52]

finalduration： 52 opm 52 deviation 0.0 % time 0.01 s

j3043\_8.sm 62

8 -0.16356158256530762 62 0.0 0

final date： [0, 0, 6, 4, 15, 9, 6, 10, 12, 14, 24, 24, 12, 37, 30, 33, 20, 32, 31, 42, 34, 39, 42, 46, 49, 52, 56, 52, 57, 52, 59, 62]

finalduration： 62 opm 62 deviation 0.0 % time 0.18 s

j3043\_9.sm 57

final date： [0, 0, 0, 0, 10, 5, 10, 5, 19, 14, 20, 17, 19, 30, 14, 29, 20, 30, 29, 40, 46, 28, 37, 33, 30, 32, 33, 45, 47, 43, 53, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3044\_1.sm 50

final date： [0, 0, 0, 0, 3, 8, 9, 12, 12, 12, 9, 9, 15, 17, 24, 7, 17, 29, 15, 24, 3, 14, 13, 19, 37, 25, 30, 19, 30, 35, 40, 50]

finalduration： 50 opm 50 deviation 0.0 % time 0.01 s

j3044\_10.sm 63

final date： [0, 0, 0, 0, 10, 10, 14, 9, 12, 22, 12, 29, 22, 19, 22, 29, 9, 29, 30, 31, 30, 33, 31, 35, 36, 39, 45, 45, 40, 53, 45, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3044\_2.sm 54

final date： [0, 0, 0, 0, 8, 10, 11, 10, 20, 2, 20, 20, 24, 30, 24, 30, 30, 11, 31, 38, 29, 36, 38, 35, 26, 36, 42, 42, 46, 52, 40, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j3044\_3.sm 51

final date： [0, 0, 0, 0, 9, 9, 2, 2, 2, 9, 14, 9, 12, 22, 18, 30, 24, 9, 22, 18, 30, 18, 30, 22, 28, 28, 35, 43, 40, 25, 50, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j3044\_4.sm 57

final date： [0, 0, 0, 0, 10, 8, 10, 20, 13, 19, 23, 10, 23, 20, 23, 23, 22, 27, 29, 28, 35, 29, 33, 40, 38, 46, 38, 45, 45, 55, 54, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3044\_5.sm 55

final date： [0, 0, 0, 0, 9, 5, 9, 1, 9, 19, 27, 13, 10, 10, 17, 19, 26, 26, 27, 34, 38, 36, 34, 13, 19, 19, 23, 41, 48, 41, 44, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j3044\_6.sm 56

final date： [0, 0, 0, 0, 2, 8, 2, 2, 11, 11, 12, 8, 17, 22, 14, 4, 14, 17, 27, 24, 27, 33, 24, 37, 32, 42, 31, 42, 50, 50, 42, 56]

finalduration： 56 opm 56 deviation 0.0 % time 0.01 s

j3044\_7.sm 42

final date： [0, 0, 0, 0, 8, 12, 8, 4, 15, 15, 15, 8, 10, 13, 12, 20, 16, 23, 20, 20, 30, 20, 30, 24, 28, 28, 32, 30, 40, 34, 36, 42]

finalduration： 42 opm 42 deviation 0.0 % time 0.01 s

j3044\_8.sm 49

final date： [0, 0, 0, 0, 1, 3, 4, 13, 4, 7, 2, 14, 13, 22, 7, 22, 28, 6, 22, 12, 31, 17, 34, 28, 35, 15, 35, 40, 36, 44, 20, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.01 s

j3044\_9.sm 64

final date： [0, 0, 0, 0, 10, 10, 18, 9, 10, 17, 18, 23, 18, 23, 27, 37, 37, 39, 40, 37, 44, 44, 23, 40, 44, 33, 40, 54, 46, 59, 54, 64]

finalduration： 64 opm 64 deviation 0.0 % time 0.01 s

j3045\_1.sm 82

8 -0.21242904663085938 85 3.6585365853658534 0

16 -0.43883228302001953 85 3.6585365853658534 0

24 -0.7010707855224609 85 3.6585365853658534 0

32 -0.9635372161865234 85 3.6585365853658534 0

40 -1.2309813499450684 85 3.6585365853658534 0

48 -1.4513847827911377 83 1.2195121951219512 0

56 -1.7395966053009033 83 1.2195121951219512 0

64 -2.0148961544036865 83 1.2195121951219512 0

72 -2.2353250980377197 83 1.2195121951219512 0

80 -2.4612221717834473 83 1.2195121951219512 0

88 -2.6838839054107666 83 1.2195121951219512 0

96 -2.914071798324585 83 1.2195121951219512 0

104 -3.14650297164917 83 1.2195121951219512 0

112 -3.3788630962371826 83 1.2195121951219512 0

120 -3.610243558883667 83 1.2195121951219512 0

128 -3.841623067855835 83 1.2195121951219512 0

136 -4.066023349761963 83 1.2195121951219512 0

144 -4.298399448394775 83 1.2195121951219512 0

152 -4.518131971359253 83 1.2195121951219512 0

160 -4.744519472122192 83 1.2195121951219512 0

168 -4.966885566711426 83 1.2195121951219512 0

176 -5.192327499389648 83 1.2195121951219512 0

184 -5.450218439102173 83 1.2195121951219512 0

192 -5.675625562667847 83 1.2195121951219512 0

200 -5.89698338508606 83 1.2195121951219512 0

208 -6.178234100341797 83 1.2195121951219512 0

216 -6.4505414962768555 83 1.2195121951219512 0

224 -6.69024133682251 82 0.0 0

final date： [0, 4, 0, 0, 6, 25, 7, 14, 21, 7, 4, 21, 17, 23, 26, 35, 29, 24, 40, 40, 54, 49, 49, 58, 62, 68, 54, 66, 73, 73, 66, 82]

finalduration： 82 opm 82 deviation 0.0 % time 6.72 s

j3045\_10.sm 90

8 -0.3127610683441162 97 7.777777777777778 0

16 -0.6774260997772217 95 5.555555555555555 0

24 -0.998607873916626 93 3.3333333333333335 0

32 -1.3037865161895752 92 2.2222222222222223 0

40 -1.664438009262085 92 2.2222222222222223 0

48 -1.9317588806152344 91 1.1111111111111112 0

56 -2.233961343765259 91 1.1111111111111112 0

64 -2.5311548709869385 91 1.1111111111111112 0

72 -2.7854814529418945 91 1.1111111111111112 0

80 -3.042789936065674 91 1.1111111111111112 0

88 -3.2981061935424805 91 1.1111111111111112 0

96 -3.5414512157440186 91 1.1111111111111112 0

104 -3.811673164367676 91 1.1111111111111112 0

112 -4.056013107299805 91 1.1111111111111112 0

120 -4.297360181808472 91 1.1111111111111112 0

128 -4.565116882324219 91 1.1111111111111112 0

136 -4.803561687469482 91 1.1111111111111112 0

144 -5.060870409011841 91 1.1111111111111112 0

152 -5.330112457275391 91 1.1111111111111112 0

160 -5.579444169998169 91 1.1111111111111112 0

168 -5.850753307342529 91 1.1111111111111112 0

176 -6.129969120025635 91 1.1111111111111112 0

184 -6.414456129074097 91 1.1111111111111112 0

192 -6.656667947769165 91 1.1111111111111112 0

200 -6.908993244171143 91 1.1111111111111112 0

208 -7.163313865661621 91 1.1111111111111112 0

216 -7.415208101272583 91 1.1111111111111112 0

224 -7.729944944381714 91 1.1111111111111112 0

232 -8.007239580154419 91 1.1111111111111112 0

240 -8.244627952575684 91 1.1111111111111112 0

248 -8.48296570777893 91 1.1111111111111112 0

256 -8.728309631347656 91 1.1111111111111112 0

264 -8.987620830535889 91 1.1111111111111112 0

272 -9.23610234260559 91 1.1111111111111112 0

280 -9.493517637252808 91 1.1111111111111112 0

288 -9.763955116271973 91 1.1111111111111112 0

13 30 93

296 -12.090150833129883 91 1.1111111111111112 0

11 17 91

304 -14.465698719024658 91 1.1111111111111112 0

15 24 91

312 -16.956491708755493 91 1.1111111111111112 0

28 30 91

320 -19.201477527618408 91 1.1111111111111112 0

26 28 91

328 -21.56008553504944 91 1.1111111111111112 0

7 27 90

yes 90

338 -24.181151628494263 90 0.0 0

final date： [0, 0, 2, 5, 36, 9, 25, 8, 27, 41, 15, 17, 46, 61, 16, 28, 62, 41, 51, 55, 65, 70, 54, 81, 76, 78, 71, 79, 82, 87, 82, 90]

finalduration： 90 opm 90 deviation 0.0 % time 24.23 s

j3045\_2.sm 125

8 -0.3426554203033447 128 2.4 0

16 -0.8713977336883545 125 0.0 0

final date： [0, 0, 43, 0, 10, 10, 51, 18, 66, 25, 43, 33, 13, 92, 67, 59, 51, 75, 56, 83, 75, 83, 108, 100, 106, 106, 109, 119, 109, 123, 108, 125]

finalduration： 125 opm 125 deviation 0.0 % time 0.93 s

j3045\_3.sm 92

8 -0.2583451271057129 103 11.956521739130435 0

16 -0.5160787105560303 99 7.608695652173914 0

24 -0.8509261608123779 99 7.608695652173914 0

32 -1.2987263202667236 98 6.521739130434782 0

40 -1.7574968338012695 98 6.521739130434782 0

48 -2.2162675857543945 92 0.0 0

final date： [0, 5, 0, 7, 13, 8, 18, 22, 15, 19, 22, 31, 55, 44, 51, 14, 33, 35, 62, 23, 41, 59, 50, 69, 64, 60, 73, 71, 90, 81, 86, 92]

finalduration： 92 opm 92 deviation 0.0 % time 2.26 s

j3045\_4.sm 84

8 -0.28838491439819336 95 13.095238095238097 0

16 -0.5407028198242188 94 11.904761904761903 0

24 -0.8339171409606934 89 5.952380952380952 0

32 -1.0962162017822266 89 5.952380952380952 0

40 -1.425363302230835 89 5.952380952380952 0

48 -1.8402514457702637 84 0.0 0

final date： [0, 0, 0, 22, 6, 48, 15, 12, 33, 17, 7, 13, 15, 23, 27, 32, 30, 51, 57, 41, 59, 64, 39, 59, 70, 68, 59, 51, 77, 74, 77, 84]

finalduration： 84 opm 84 deviation 0.0 % time 1.88 s

j3045\_5.sm 86

8 -0.22739052772521973 94 9.30232558139535 0

16 -0.46782636642456055 94 9.30232558139535 0

24 -0.7011916637420654 92 6.976744186046512 0

32 -0.9462993144989014 92 6.976744186046512 0

40 -1.3402807712554932 92 6.976744186046512 0

48 -1.6910226345062256 90 4.651162790697675 0

56 -2.0985429286956787 90 4.651162790697675 0

64 -2.4073476791381836 90 4.651162790697675 0

72 -2.8391902446746826 90 4.651162790697675 0

80 -3.1902482509613037 90 4.651162790697675 0

88 -3.4455647468566895 90 4.651162790697675 0

96 -3.708860158920288 90 4.651162790697675 0

104 -4.114772319793701 90 4.651162790697675 0

112 -4.469116449356079 90 4.651162790697675 0

120 -4.8411195278167725 89 3.488372093023256 0

128 -5.148615837097168 89 3.488372093023256 0

136 -5.377951622009277 89 3.488372093023256 0

144 -5.617348670959473 89 3.488372093023256 0

152 -5.870632886886597 88 2.3255813953488373 0

160 -6.200747966766357 88 2.3255813953488373 0

168 -6.611647367477417 88 2.3255813953488373 0

176 -7.019554138183594 88 2.3255813953488373 0

184 -7.331738710403442 88 2.3255813953488373 0

192 -7.58065938949585 87 1.1627906976744187 0

200 -7.810044765472412 87 1.1627906976744187 0

208 -8.04577922821045 87 1.1627906976744187 0

216 -8.284147500991821 87 1.1627906976744187 0

224 -8.514133214950562 87 1.1627906976744187 0

232 -8.7674560546875 87 1.1627906976744187 0

240 -9.01882028579712 87 1.1627906976744187 0

248 -9.24820852279663 87 1.1627906976744187 0

256 -9.474600076675415 87 1.1627906976744187 0

264 -9.707973718643188 87 1.1627906976744187 0

272 -9.936006307601929 87 1.1627906976744187 0

280 -10.1766037940979 87 1.1627906976744187 0

288 -10.459277629852295 87 1.1627906976744187 0

296 -10.687212467193604 87 1.1627906976744187 0

304 -10.91464114189148 87 1.1627906976744187 0

312 -11.173907995223999 87 1.1627906976744187 0

320 -11.418514966964722 87 1.1627906976744187 0

328 -11.650927782058716 87 1.1627906976744187 0

336 -11.881217241287231 87 1.1627906976744187 0

344 -12.11458134651184 87 1.1627906976744187 0

352 -12.352906227111816 87 1.1627906976744187 0

360 -12.583335399627686 87 1.1627906976744187 0

368 -12.820923089981079 87 1.1627906976744187 0

376 -13.059281587600708 87 1.1627906976744187 0

384 -13.334544897079468 87 1.1627906976744187 0

392 -13.56352424621582 87 1.1627906976744187 0

400 -13.808818340301514 87 1.1627906976744187 0

408 -14.06616497039795 87 1.1627906976744187 0

416 -14.29750943183899 87 1.1627906976744187 0

424 -14.556896448135376 87 1.1627906976744187 0

432 -14.788273334503174 87 1.1627906976744187 0

6 23 87

440 -16.693202018737793 87 1.1627906976744187 0

3 22 87

448 -18.484496355056763 87 1.1627906976744187 0

12 26 87

456 -20.346375942230225 87 1.1627906976744187 0

17 20 87

464 -22.53476643562317 87 1.1627906976744187 0

22 27 87

472 -24.97034454345703 87 1.1627906976744187 0

19 27 86

yes 86

482 -26.843135595321655 86 0.0 0

final date： [0, 14, 0, 0, 10, 32, 15, 10, 14, 20, 21, 31, 46, 17, 54, 41, 32, 73, 45, 44, 49, 41, 47, 68, 60, 64, 54, 63, 77, 77, 77, 86]

finalduration： 86 opm 86 deviation 0.0 % time 26.87 s

j3045\_6.sm 129

8 -0.32117700576782227 135 4.651162790697675 0

16 -0.7310783863067627 135 4.651162790697675 0

24 -1.0827088356018066 134 3.875968992248062 0

32 -1.5404820442199707 134 3.875968992248062 0

40 -1.9559907913208008 134 3.875968992248062 0

48 -2.3190181255340576 134 3.875968992248062 0

56 -2.7494771480560303 134 3.875968992248062 0

64 -3.116408348083496 134 3.875968992248062 0

72 -3.46048641204834 134 3.875968992248062 0

80 -3.7948436737060547 133 3.10077519379845 0

88 -4.224762439727783 133 3.10077519379845 0

96 -4.797735929489136 133 3.10077519379845 0

104 -5.144765377044678 133 3.10077519379845 0

112 -5.510810136795044 133 3.10077519379845 0

120 -5.878862142562866 133 3.10077519379845 0

128 -6.223936557769775 133 3.10077519379845 0

136 -6.633841276168823 133 3.10077519379845 0

144 -6.983864068984985 133 3.10077519379845 0

152 -7.418699264526367 132 2.3255813953488373 0

160 -7.871165752410889 132 2.3255813953488373 0

168 -8.22293996810913 132 2.3255813953488373 0

176 -8.586694717407227 132 2.3255813953488373 0

184 -8.978683233261108 132 2.3255813953488373 0

192 -9.478307008743286 132 2.3255813953488373 0

200 -10.073711156845093 132 2.3255813953488373 0

208 -10.415833234786987 131 1.550387596899225 0

216 -10.802313566207886 131 1.550387596899225 0

224 -11.153020143508911 131 1.550387596899225 0

232 -11.5100257396698 131 1.550387596899225 0

240 -12.00171422958374 131 1.550387596899225 0

248 -12.456532716751099 131 1.550387596899225 0

256 -12.96313762664795 131 1.550387596899225 0

264 -13.455622911453247 131 1.550387596899225 0

272 -13.912437677383423 131 1.550387596899225 0

280 -14.25352430343628 131 1.550387596899225 0

288 -14.589168310165405 131 1.550387596899225 0

296 -14.922165155410767 131 1.550387596899225 0

304 -15.32305359840393 131 1.550387596899225 0

312 -15.898114681243896 131 1.550387596899225 0

320 -16.234169960021973 131 1.550387596899225 0

328 -16.574296236038208 131 1.550387596899225 0

336 -16.927478790283203 131 1.550387596899225 0

344 -17.263571977615356 131 1.550387596899225 0

352 -17.671446084976196 131 1.550387596899225 0

360 -18.07336926460266 131 1.550387596899225 0

368 -18.667208194732666 130 0.7751937984496124 0

376 -19.118094205856323 130 0.7751937984496124 0

384 -19.453197956085205 130 0.7751937984496124 0

392 -19.781880378723145 129 0.0 0

final date： [0, 0, 7, 17, 25, 7, 23, 30, 34, 22, 16, 44, 34, 68, 39, 75, 23, 44, 101, 61, 84, 53, 62, 61, 75, 84, 88, 98, 101, 120, 111, 129]

finalduration： 129 opm 129 deviation 0.0 % time 19.84 s

j3045\_7.sm 101

8 -0.37509775161743164 110 8.91089108910891 0

16 -0.7302782535552979 110 8.91089108910891 0

24 -1.0077133178710938 105 3.9603960396039604 0

32 -1.4524879455566406 105 3.9603960396039604 0

40 -1.9322023391723633 105 3.9603960396039604 0

48 -2.285292148590088 105 3.9603960396039604 0

56 -2.557563304901123 105 3.9603960396039604 0

64 -2.839796543121338 105 3.9603960396039604 0

72 -3.113024950027466 105 3.9603960396039604 0

80 -3.5258216857910156 105 3.9603960396039604 0

88 -3.810574769973755 105 3.9603960396039604 0

96 -4.256332874298096 105 3.9603960396039604 0

104 -4.728086948394775 105 3.9603960396039604 0

112 -5.147961378097534 105 3.9603960396039604 0

120 -5.416543960571289 105 3.9603960396039604 0

128 -5.699746608734131 105 3.9603960396039604 0

136 -5.983329772949219 105 3.9603960396039604 0

144 -6.368302822113037 105 3.9603960396039604 0

152 -6.648590087890625 105 3.9603960396039604 0

160 -6.979270696640015 105 3.9603960396039604 0

168 -7.328373908996582 105 3.9603960396039604 0

176 -7.652466773986816 104 2.9702970297029703 0

184 -8.113232374191284 104 2.9702970297029703 0

192 -8.445299863815308 104 2.9702970297029703 0

200 -8.725157737731934 103 1.9801980198019802 0

208 -9.009948253631592 103 1.9801980198019802 0

216 -9.290201902389526 103 1.9801980198019802 0

224 -9.578426837921143 103 1.9801980198019802 0

232 -9.961145401000977 103 1.9801980198019802 0

240 -10.321713209152222 103 1.9801980198019802 0

248 -10.70963191986084 103 1.9801980198019802 0

256 -11.140026092529297 103 1.9801980198019802 0

264 -11.42431378364563 103 1.9801980198019802 0

272 -11.709536075592041 103 1.9801980198019802 0

280 -11.986843585968018 103 1.9801980198019802 0

288 -12.259114503860474 103 1.9801980198019802 0

296 -12.553287506103516 103 1.9801980198019802 0

304 -12.949232816696167 103 1.9801980198019802 0

312 -13.34720230102539 103 1.9801980198019802 0

320 -13.614487886428833 103 1.9801980198019802 0

328 -13.890060901641846 103 1.9801980198019802 0

336 -14.203470230102539 103 1.9801980198019802 0

344 -14.477734327316284 103 1.9801980198019802 0

352 -14.774900197982788 103 1.9801980198019802 0

360 -15.169983386993408 103 1.9801980198019802 0

368 -15.5341637134552 103 1.9801980198019802 0

376 -15.924367666244507 103 1.9801980198019802 0

384 -16.344204664230347 103 1.9801980198019802 0

392 -16.77907633781433 103 1.9801980198019802 0

400 -17.22883415222168 103 1.9801980198019802 0

408 -17.495158433914185 102 0.9900990099009901 0

416 -17.762442588806152 102 0.9900990099009901 0

424 -18.09011673927307 102 0.9900990099009901 0

432 -18.36590814590454 102 0.9900990099009901 0

440 -18.655367851257324 102 0.9900990099009901 0

448 -18.927638053894043 102 0.9900990099009901 0

456 -19.27271342277527 102 0.9900990099009901 0

464 -19.550474643707275 102 0.9900990099009901 0

472 -19.854660749435425 102 0.9900990099009901 0

480 -20.336373805999756 102 0.9900990099009901 0

488 -20.801146030426025 102 0.9900990099009901 0

496 -21.125683069229126 102 0.9900990099009901 0

504 -21.403107404708862 102 0.9900990099009901 0

512 -21.67733335494995 102 0.9900990099009901 0

520 -21.966094732284546 102 0.9900990099009901 0

528 -22.28922963142395 102 0.9900990099009901 0

536 -22.742016553878784 102 0.9900990099009901 0

544 -23.10205078125 102 0.9900990099009901 0

552 -23.562400817871094 102 0.9900990099009901 0

560 -23.90183687210083 102 0.9900990099009901 0

568 -24.171154022216797 102 0.9900990099009901 0

576 -24.435445547103882 102 0.9900990099009901 0

584 -24.698317766189575 102 0.9900990099009901 0

592 -25.132323741912842 102 0.9900990099009901 0

600 -25.40559220314026 102 0.9900990099009901 0

608 -25.673879623413086 102 0.9900990099009901 0

616 -25.97262454032898 102 0.9900990099009901 0

624 -26.240905284881592 102 0.9900990099009901 0

632 -26.539106130599976 102 0.9900990099009901 0

640 -26.949697971343994 102 0.9900990099009901 0

648 -27.24594283103943 102 0.9900990099009901 0

19 22 102

656 -29.61069655418396 102 0.9900990099009901 0

7 15 102

664 -31.82038378715515 102 0.9900990099009901 0

17 27 102

672 -34.655232667922974 102 0.9900990099009901 0

25 30 102

680 -36.97804856300354 102 0.9900990099009901 0

13 29 102

688 -39.31842875480652 102 0.9900990099009901 0

4 26 102

696 -41.446053981781006 102 0.9900990099009901 0

6 18 102

704 -43.716325521469116 102 0.9900990099009901 0

3 9 102

712 -46.18121886253357 102 0.9900990099009901 0

12 19 102

720 -48.57522106170654 102 0.9900990099009901 0

10 18 102

728 -50.44507050514221 102 0.9900990099009901 0

5 22 102

736 -52.436322927474976 102 0.9900990099009901 0

24 27 102

744 -54.29319787025452 102 0.9900990099009901 0

9 12 102

752 -56.20903420448303 102 0.9900990099009901 0

4 25 102

760 -58.24186706542969 102 0.9900990099009901 0

8 17 102

768 -60.20706224441528 102 0.9900990099009901 0

4 10 102

776 -62.33299517631531 102 0.9900990099009901 0

1 20 102

784 -64.20321369171143 102 0.9900990099009901 0

1 30 102

792 -66.23207592964172 102 0.9900990099009901 0

9 23 102

800 -68.30866813659668 102 0.9900990099009901 0

14 17 102

808 -70.59572339057922 102 0.9900990099009901 0

27 29 102

816 -72.66650438308716 102 0.9900990099009901 0

13 29 101

yes 101

826 -74.7324059009552 101 0.0 0

final date： [0, 0, 19, 0, 10, 18, 36, 45, 37, 10, 28, 37, 61, 82, 54, 45, 90, 58, 76, 63, 52, 59, 63, 81, 95, 71, 76, 83, 90, 83, 99, 101]

finalduration： 101 opm 101 deviation 0.0 % time 74.78 s

j3045\_8.sm 94

8 -0.31388425827026367 100 6.382978723404255 0

16 -0.5677907466888428 99 5.319148936170213 0

24 -0.8296525478363037 95 1.0638297872340425 0

32 -1.1787197589874268 95 1.0638297872340425 0

40 -1.523982048034668 95 1.0638297872340425 0

48 -1.7822914123535156 95 1.0638297872340425 0

56 -2.0356106758117676 95 1.0638297872340425 0

64 -2.351763963699341 95 1.0638297872340425 0

72 -2.721773624420166 95 1.0638297872340425 0

80 -2.9920480251312256 95 1.0638297872340425 0

88 -3.2687771320343018 95 1.0638297872340425 0

96 -3.6420881748199463 95 1.0638297872340425 0

104 -3.884779214859009 94 0.0 0

final date： [0, 23, 0, 8, 9, 33, 14, 47, 34, 35, 44, 26, 55, 37, 47, 53, 62, 68, 65, 53, 57, 70, 63, 71, 80, 81, 88, 66, 92, 91, 73, 94]

finalduration： 94 opm 94 deviation 0.0 % time 3.91 s

j3045\_9.sm 82

8 -0.3905026912689209 91 10.975609756097562 0

16 -0.716702938079834 89 8.536585365853659 0

24 -0.9530684947967529 89 8.536585365853659 0

32 -1.1864430904388428 88 7.317073170731707 0

40 -1.5355091094970703 88 7.317073170731707 0

48 -1.9228148460388184 88 7.317073170731707 0

56 -2.154193639755249 88 7.317073170731707 0

64 -2.381624937057495 88 7.317073170731707 0

72 -2.6146080493927 88 7.317073170731707 0

80 -2.8380067348480225 88 7.317073170731707 0

88 -3.0644028186798096 88 7.317073170731707 0

96 -3.3342363834381104 88 7.317073170731707 0

104 -3.6414730548858643 88 7.317073170731707 0

112 -3.8608763217926025 88 7.317073170731707 0

120 -4.093201398849487 88 7.317073170731707 0

128 -4.323585510253906 88 7.317073170731707 0

136 -4.5978827476501465 88 7.317073170731707 0

144 -4.963260650634766 88 7.317073170731707 0

152 -5.262057304382324 88 7.317073170731707 0

160 -5.668114423751831 88 7.317073170731707 0

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19 21 84

4920 -1057.041650056839 84 2.4390243902439024 0

16 24 84

4928 -1058.9186389446259 84 2.4390243902439024 0

26 29 84

4936 -1060.7321112155914 84 2.4390243902439024 0

14 29 84

4944 -1062.3963758945465 84 2.4390243902439024 0

22 25 84

4952 -1064.2462532520294 84 2.4390243902439024 0

25 29 84

4960 -1065.982566833496 84 2.4390243902439024 0

14 29 84

4968 -1067.8083403110504 84 2.4390243902439024 0

15 28 84

4976 -1069.8853859901428 83 1.2195121951219512 0

4984 -1070.1736149787903 83 1.2195121951219512 0

4992 -1070.5117115974426 83 1.2195121951219512 0

5000 -1070.812941789627 83 1.2195121951219512 0

5008 -1071.0602836608887 83 1.2195121951219512 0

final date： [0, 6, 0, 0, 9, 24, 15, 13, 33, 1, 35, 29, 4, 22, 24, 33, 39, 30, 50, 35, 49, 43, 50, 52, 58, 58, 60, 67, 76, 67, 76, 83]

finalduration： 83 opm 82 deviation 1.22 % time 1071.09 s

j3046\_1.sm 59

8 -0.15575313568115234 63 6.779661016949152 0

16 -0.31636667251586914 62 5.084745762711865 0

24 -0.4799306392669678 62 5.084745762711865 0

32 -0.6474819183349609 62 5.084745762711865 0

40 -0.8100476264953613 62 5.084745762711865 0

48 -1.0204458236694336 62 5.084745762711865 0

56 -1.2747642993927002 62 5.084745762711865 0

64 -1.4782218933105469 62 5.084745762711865 0

72 -1.7335379123687744 60 1.694915254237288 0

80 -1.9988269805908203 59 0.0 0

final date： [0, 2, 0, 0, 7, 7, 6, 22, 15, 21, 23, 12, 20, 25, 32, 35, 25, 41, 27, 22, 33, 15, 33, 41, 44, 43, 49, 50, 56, 43, 35, 59]

finalduration： 59 opm 59 deviation 0.0 % time 2.02 s

j3046\_10.sm 55

8 -0.16131377220153809 57 3.6363636363636362 0

16 -0.34282565116882324 56 1.8181818181818181 0

24 -0.5083394050598145 56 1.8181818181818181 0

32 -0.6948385238647461 56 1.8181818181818181 0

40 -0.8524560928344727 56 1.8181818181818181 0

48 -1.0210046768188477 56 1.8181818181818181 0

56 -1.1702451705932617 56 1.8181818181818181 0

64 -1.321836233139038 56 1.8181818181818181 0

72 -1.4852685928344727 56 1.8181818181818181 0

80 -1.6807451248168945 56 1.8181818181818181 0

88 -1.8612637519836426 56 1.8181818181818181 0

96 -2.0412449836730957 56 1.8181818181818181 0

104 -2.2247536182403564 56 1.8181818181818181 0

112 -2.389021158218384 56 1.8181818181818181 0

120 -2.5904805660247803 56 1.8181818181818181 0

128 -2.7899839878082275 56 1.8181818181818181 0

136 -2.946566104888916 56 1.8181818181818181 0

144 -3.107696771621704 56 1.8181818181818181 0

152 -3.264268398284912 56 1.8181818181818181 0

160 -3.481633424758911 56 1.8181818181818181 0

168 -3.652618885040283 56 1.8181818181818181 0

176 -3.802589178085327 56 1.8181818181818181 0

184 -3.9581730365753174 56 1.8181818181818181 0

192 -4.118358373641968 56 1.8181818181818181 0

200 -4.270961284637451 56 1.8181818181818181 0

208 -4.435520172119141 56 1.8181818181818181 0

216 -4.591103792190552 56 1.8181818181818181 0

224 -4.740694046020508 56 1.8181818181818181 0

232 -4.897274732589722 56 1.8181818181818181 0

240 -5.048870801925659 56 1.8181818181818181 0

248 -5.205451726913452 55 0.0 0

final date： [0, 5, 0, 14, 10, 18, 16, 18, 9, 29, 16, 24, 28, 19, 33, 34, 35, 28, 40, 44, 30, 38, 47, 45, 37, 45, 49, 47, 50, 54, 51, 55]

finalduration： 55 opm 55 deviation 0.0 % time 5.22 s

j3046\_2.sm 67

8 -0.17453503608703613 68 1.4925373134328357 0

16 -0.3640258312225342 68 1.4925373134328357 0

24 -0.6033484935760498 68 1.4925373134328357 0

32 -0.7958738803863525 68 1.4925373134328357 0

40 -0.9836783409118652 68 1.4925373134328357 0

48 -1.215050220489502 68 1.4925373134328357 0

56 -1.4010591506958008 68 1.4925373134328357 0

64 -1.6305460929870605 68 1.4925373134328357 0

72 -1.887857437133789 68 1.4925373134328357 0

80 -2.192042589187622 67 0.0 0

final date： [0, 0, 0, 0, 9, 9, 14, 16, 24, 8, 21, 16, 31, 31, 23, 39, 39, 36, 47, 47, 31, 50, 44, 57, 54, 56, 54, 57, 53, 60, 66, 67]

finalduration： 67 opm 67 deviation 0.0 % time 2.21 s

j3046\_3.sm 65

8 -0.20644879341125488 68 4.615384615384616 0

16 -0.4936800003051758 68 4.615384615384616 0

24 -0.6871991157531738 67 3.076923076923077 0

32 -0.8806443214416504 67 3.076923076923077 0

40 -1.1000573635101318 67 3.076923076923077 0

48 -1.301281452178955 67 3.076923076923077 0

56 -1.4957609176635742 67 3.076923076923077 0

64 -1.6957714557647705 67 3.076923076923077 0

72 -1.9217467308044434 67 3.076923076923077 0

80 -2.108248233795166 67 3.076923076923077 0

88 -2.292755126953125 67 3.076923076923077 0

96 -2.5221023559570312 67 3.076923076923077 0

104 -2.7085673809051514 67 3.076923076923077 0

112 -2.8960676193237305 67 3.076923076923077 0

120 -3.0775787830352783 67 3.076923076923077 0

128 -3.323882579803467 67 3.076923076923077 0

136 -3.57820200920105 67 3.076923076923077 0

144 -3.7557642459869385 67 3.076923076923077 0

152 -3.9313318729400635 67 3.076923076923077 0

160 -4.10771369934082 67 3.076923076923077 0

168 -4.284036636352539 67 3.076923076923077 0

176 -4.4589831829071045 67 3.076923076923077 0

184 -4.654004335403442 67 3.076923076923077 0

192 -4.832534074783325 67 3.076923076923077 0

200 -5.034987926483154 67 3.076923076923077 0

208 -5.213465213775635 67 3.076923076923077 0

216 -5.470339059829712 67 3.076923076923077 0

224 -5.7043890953063965 67 3.076923076923077 0

232 -5.945312738418579 67 3.076923076923077 0

240 -6.125830173492432 67 3.076923076923077 0

248 -6.34623908996582 67 3.076923076923077 0

256 -6.52679705619812 67 3.076923076923077 0

264 -6.752727270126343 67 3.076923076923077 0

3 18 67

272 -8.352771520614624 67 3.076923076923077 0

13 30 67

280 -9.986735105514526 67 3.076923076923077 0

21 24 67

288 -11.65744423866272 67 3.076923076923077 0

22 30 67

296 -13.351513147354126 67 3.076923076923077 0

7 24 67

304 -15.006255865097046 67 3.076923076923077 0

13 27 67

312 -16.899991750717163 67 3.076923076923077 0

3 23 67

320 -18.60399079322815 66 1.5384615384615385 0

328 -18.777528524398804 66 1.5384615384615385 0

336 -18.955669403076172 66 1.5384615384615385 0

344 -19.13031578063965 66 1.5384615384615385 0

352 -19.328248739242554 66 1.5384615384615385 0

360 -19.501035928726196 65 0.0 0

final date： [0, 0, 0, 0, 5, 7, 3, 10, 2, 27, 16, 31, 15, 27, 39, 25, 16, 31, 43, 39, 42, 22, 51, 44, 36, 53, 29, 53, 63, 44, 60, 65]

finalduration： 65 opm 65 deviation 0.0 % time 19.52 s

j3046\_4.sm 64

8 -0.23996615409851074 67 4.6875 0

16 -0.42949724197387695 66 3.125 0

24 -0.6020336151123047 65 1.5625 0

32 -0.7805690765380859 65 1.5625 0

40 -0.9556968212127686 65 1.5625 0

48 -1.130194902420044 65 1.5625 0

56 -1.3198485374450684 64 0.0 0

final date： [0, 0, 3, 0, 3, 12, 4, 6, 6, 16, 16, 21, 21, 34, 20, 30, 26, 26, 36, 30, 36, 36, 39, 41, 51, 44, 45, 45, 59, 53, 59, 64]

finalduration： 64 opm 64 deviation 0.0 % time 1.34 s

j3046\_5.sm 57

8 -0.19843196868896484 59 3.508771929824561 0

16 -0.4268648624420166 59 3.508771929824561 0

24 -0.5883872509002686 59 3.508771929824561 0

32 -0.7495722770690918 59 3.508771929824561 0

40 -0.9141316413879395 59 3.508771929824561 0

48 -1.0777335166931152 58 1.7543859649122806 0

56 -1.2861366271972656 58 1.7543859649122806 0

64 -1.4477424621582031 58 1.7543859649122806 0

72 -1.6083130836486816 58 1.7543859649122806 0

80 -1.7668907642364502 58 1.7543859649122806 0

88 -1.9360783100128174 58 1.7543859649122806 0

96 -2.1126041412353516 58 1.7543859649122806 0

104 -2.2792022228240967 58 1.7543859649122806 0

112 -2.443718433380127 58 1.7543859649122806 0

120 -2.64318585395813 58 1.7543859649122806 0

128 -2.8846442699432373 58 1.7543859649122806 0

136 -3.1379523277282715 58 1.7543859649122806 0

144 -3.3803036212921143 58 1.7543859649122806 0

152 -3.663508415222168 58 1.7543859649122806 0

160 -3.8948891162872314 58 1.7543859649122806 0

168 -4.056014776229858 58 1.7543859649122806 0

176 -4.220573425292969 58 1.7543859649122806 0

184 -4.381145477294922 58 1.7543859649122806 0

192 -4.570600986480713 58 1.7543859649122806 0

200 -4.844426155090332 58 1.7543859649122806 0

208 -5.013020753860474 57 0.0 0

final date： [0, 0, 0, 0, 9, 9, 12, 6, 13, 15, 9, 17, 42, 3, 13, 30, 23, 35, 21, 33, 30, 26, 37, 40, 26, 40, 44, 46, 48, 48, 48, 57]

finalduration： 57 opm 57 deviation 0.0 % time 5.03 s

j3046\_6.sm 59

8 -0.15766167640686035 61 3.389830508474576 0

16 -0.31804561614990234 60 1.694915254237288 0

24 -0.4755861759185791 59 0.0 0

final date： [0, 0, 0, 0, 7, 5, 10, 24, 13, 10, 5, 7, 8, 17, 18, 10, 24, 29, 40, 27, 34, 26, 41, 29, 35, 42, 43, 33, 53, 50, 53, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.49 s

j3046\_7.sm 59

8 -0.15957331657409668 62 5.084745762711865 0

16 -0.32665514945983887 62 5.084745762711865 0

24 -0.4932093620300293 61 3.389830508474576 0

32 -0.7555458545684814 61 3.389830508474576 0

40 -0.921065092086792 61 3.389830508474576 0

48 -1.0846648216247559 61 3.389830508474576 0

56 -1.251220703125 61 3.389830508474576 0

64 -1.4157817363739014 61 3.389830508474576 0

72 -1.5733599662780762 61 3.389830508474576 0

80 -1.7379190921783447 61 3.389830508474576 0

88 -1.9034745693206787 61 3.389830508474576 0

96 -2.1238479614257812 61 3.389830508474576 0

104 -2.4112818241119385 61 3.389830508474576 0

112 -2.707916021347046 61 3.389830508474576 0

120 -2.894125461578369 61 3.389830508474576 0

128 -3.0736825466156006 61 3.389830508474576 0

136 -3.3359484672546387 61 3.389830508474576 0

144 -3.617703437805176 61 3.389830508474576 0

152 -3.9129137992858887 61 3.389830508474576 0

160 -4.205131769180298 60 1.694915254237288 0

168 -4.4435343742370605 60 1.694915254237288 0

176 -4.688837766647339 60 1.694915254237288 0

184 -4.950175762176514 60 1.694915254237288 0

192 -5.142623662948608 60 1.694915254237288 0

200 -5.432458400726318 60 1.694915254237288 0

208 -5.7206871509552 60 1.694915254237288 0

216 -5.916200637817383 60 1.694915254237288 0

224 -6.076775789260864 60 1.694915254237288 0

232 -6.239335775375366 60 1.694915254237288 0

240 -6.399564027786255 60 1.694915254237288 0

248 -6.561145782470703 60 1.694915254237288 0

256 -6.719699859619141 60 1.694915254237288 0

264 -6.880281209945679 60 1.694915254237288 0

272 -7.073714971542358 60 1.694915254237288 0

280 -7.24126672744751 60 1.694915254237288 0

288 -7.4218220710754395 60 1.694915254237288 0

296 -7.584998846054077 60 1.694915254237288 0

304 -7.745286703109741 60 1.694915254237288 0

312 -7.968794107437134 60 1.694915254237288 0

320 -8.232296228408813 60 1.694915254237288 0

328 -8.395005226135254 60 1.694915254237288 0

336 -8.565550327301025 60 1.694915254237288 0

344 -8.744032382965088 60 1.694915254237288 0

352 -8.917606115341187 60 1.694915254237288 0

360 -9.097740173339844 60 1.694915254237288 0

368 -9.263244867324829 60 1.694915254237288 0

376 -9.44779634475708 60 1.694915254237288 0

384 -9.681171894073486 60 1.694915254237288 0

392 -9.867671728134155 60 1.694915254237288 0

400 -10.054173946380615 60 1.694915254237288 0

12 14 60

408 -11.558717250823975 60 1.694915254237288 0

21 24 60

416 -13.129515886306763 60 1.694915254237288 0

9 16 60

424 -14.516479730606079 60 1.694915254237288 0

8 28 60

432 -16.017452716827393 60 1.694915254237288 0

24 26 60

440 -17.393517017364502 60 1.694915254237288 0

11 29 60

448 -19.001645803451538 60 1.694915254237288 0

23 25 60

456 -20.330411434173584 60 1.694915254237288 0

9 16 60

464 -21.694445371627808 60 1.694915254237288 0

17 21 60

472 -23.100353717803955 60 1.694915254237288 0

7 23 60

480 -24.758936405181885 60 1.694915254237288 0

3 6 60

488 -26.168211698532104 60 1.694915254237288 0

13 27 60

496 -27.731504917144775 60 1.694915254237288 0

11 23 60

504 -29.045166492462158 60 1.694915254237288 0

5 19 60

512 -30.410553693771362 60 1.694915254237288 0

15 28 60

520 -31.814796209335327 60 1.694915254237288 0

6 12 60

528 -33.11073160171509 60 1.694915254237288 0

17 19 60

536 -34.51497983932495 60 1.694915254237288 0

21 25 60

544 -35.98800849914551 60 1.694915254237288 0

7 20 60

552 -37.38092088699341 60 1.694915254237288 0

13 18 60

560 -38.78701186180115 60 1.694915254237288 0

16 19 60

568 -40.17034578323364 60 1.694915254237288 0

26 30 60

576 -41.68017625808716 60 1.694915254237288 0

21 23 60

584 -43.06212663650513 60 1.694915254237288 0

3 16 60

592 -44.56734871864319 60 1.694915254237288 0

10 30 60

600 -46.14337205886841 60 1.694915254237288 0

7 10 60

608 -47.72530198097229 60 1.694915254237288 0

10 27 60

616 -49.6155047416687 60 1.694915254237288 0

27 29 60

624 -51.11171007156372 60 1.694915254237288 0

17 29 60

632 -52.6340606212616 60 1.694915254237288 0

11 20 60

640 -54.049057960510254 60 1.694915254237288 0

18 20 60

648 -55.4998893737793 60 1.694915254237288 0

6 27 60

656 -56.93313765525818 60 1.694915254237288 0

17 30 60

664 -58.4773850440979 60 1.694915254237288 0

2 15 60

672 -59.98896622657776 60 1.694915254237288 0

17 24 60

680 -61.36786103248596 60 1.694915254237288 0

23 25 60

688 -62.826048851013184 60 1.694915254237288 0

5 23 60

696 -64.42993211746216 60 1.694915254237288 0

8 25 60

704 -65.93784403800964 60 1.694915254237288 0

11 27 60

712 -67.3168113231659 60 1.694915254237288 0

26 29 60

720 -69.0688955783844 60 1.694915254237288 0

22 27 60

728 -70.44095706939697 60 1.694915254237288 0

16 24 60

736 -71.84635066986084 60 1.694915254237288 0

17 28 60

744 -73.24432277679443 60 1.694915254237288 0

21 25 60

752 -74.62214183807373 60 1.694915254237288 0

15 30 60

760 -76.03288626670837 60 1.694915254237288 0

19 25 60

768 -77.41917657852173 60 1.694915254237288 0

1 5 60

776 -78.82721734046936 60 1.694915254237288 0

5 17 60

784 -80.34856700897217 60 1.694915254237288 0

12 17 60

792 -81.85457968711853 60 1.694915254237288 0

23 25 60

800 -83.56064438819885 60 1.694915254237288 0

17 21 60

808 -85.41696333885193 60 1.694915254237288 0

4 6 60

816 -86.72746443748474 60 1.694915254237288 0

27 30 60

824 -88.43466472625732 60 1.694915254237288 0

10 16 60

832 -90.16925525665283 60 1.694915254237288 0

13 22 60

840 -91.79951310157776 60 1.694915254237288 0

1 20 60

848 -93.54526543617249 60 1.694915254237288 0

14 26 60

856 -94.9717607498169 60 1.694915254237288 0

13 18 60

864 -96.50721335411072 60 1.694915254237288 0

7 28 60

872 -97.985764503479 60 1.694915254237288 0

25 28 60

880 -99.54802227020264 60 1.694915254237288 0

15 17 60

888 -100.92294025421143 60 1.694915254237288 0

18 22 60

896 -102.41565465927124 60 1.694915254237288 0

3 13 60

904 -103.90808653831482 60 1.694915254237288 0

6 24 60

912 -105.36491775512695 60 1.694915254237288 0

1 23 60

920 -106.74593734741211 60 1.694915254237288 0

11 18 60

928 -108.20955348014832 60 1.694915254237288 0

27 29 60

936 -109.55424475669861 60 1.694915254237288 0

8 25 60

944 -110.95290565490723 60 1.694915254237288 0

23 30 60

952 -112.45416951179504 60 1.694915254237288 0

10 22 60

960 -114.01566076278687 60 1.694915254237288 0

22 25 60

968 -115.46604824066162 60 1.694915254237288 0

25 29 60

976 -116.80678653717041 60 1.694915254237288 0

14 20 60

984 -118.196053981781 60 1.694915254237288 0

8 14 60

992 -119.57585310935974 60 1.694915254237288 0

9 16 60

1000 -120.9377715587616 60 1.694915254237288 0

20 27 60

1008 -122.57294702529907 60 1.694915254237288 0

13 29 60

1016 -124.08428835868835 60 1.694915254237288 0

11 29 60

1024 -125.59481835365295 60 1.694915254237288 0

8 16 60

1032 -126.99607253074646 60 1.694915254237288 0

3 7 60

1040 -128.42230200767517 60 1.694915254237288 0

15 30 60

1048 -130.1219699382782 60 1.694915254237288 0

19 22 60

1056 -131.52995824813843 60 1.694915254237288 0

21 25 60

1064 -132.87939405441284 60 1.694915254237288 0

25 29 60

1072 -134.303644657135 60 1.694915254237288 0

7 9 60

1080 -135.62784266471863 60 1.694915254237288 0

7 11 60

1088 -137.0640001296997 60 1.694915254237288 0

11 20 60

1096 -138.43793416023254 60 1.694915254237288 0

20 28 60

1104 -139.90309715270996 60 1.694915254237288 0

18 22 60

1112 -141.40198874473572 60 1.694915254237288 0

26 28 60

1120 -142.90966606140137 60 1.694915254237288 0

10 28 60

1128 -144.36217069625854 60 1.694915254237288 0

6 25 60

1136 -145.85840153694153 60 1.694915254237288 0

12 27 60

1144 -147.30369973182678 60 1.694915254237288 0

22 26 60

1152 -148.63506889343262 60 1.694915254237288 0

27 30 60

1160 -150.17790699005127 60 1.694915254237288 0

19 23 60

1168 -152.10628175735474 60 1.694915254237288 0

13 29 60

1176 -153.47102046012878 60 1.694915254237288 0

18 21 60

1184 -155.20751523971558 60 1.694915254237288 0

3 22 60

1192 -156.898051738739 60 1.694915254237288 0

13 17 60

1200 -158.49398493766785 60 1.694915254237288 0

14 18 60

1208 -160.19756817817688 60 1.694915254237288 0

12 27 60

1216 -161.8471555709839 60 1.694915254237288 0

7 24 60

1224 -163.80063462257385 60 1.694915254237288 0

19 21 60

1232 -165.20425963401794 60 1.694915254237288 0

20 30 60

1240 -166.74828004837036 60 1.694915254237288 0

9 17 60

1248 -168.08456587791443 60 1.694915254237288 0

27 30 60

1256 -169.76388430595398 60 1.694915254237288 0

12 16 60

1264 -171.46932291984558 60 1.694915254237288 0

19 30 60

1272 -173.40295147895813 60 1.694915254237288 0

6 8 60

1280 -175.00655698776245 60 1.694915254237288 0

11 23 60

1288 -176.75041842460632 60 1.694915254237288 0

16 23 60

1296 -178.22714042663574 60 1.694915254237288 0

4 26 60

1304 -180.24884939193726 60 1.694915254237288 0

24 27 60

1312 -181.56490206718445 60 1.694915254237288 0

3 6 60

1320 -182.95893096923828 60 1.694915254237288 0

10 27 60

1328 -184.38526225090027 60 1.694915254237288 0

15 27 60

1336 -185.82363772392273 60 1.694915254237288 0

11 24 60

1344 -187.69855642318726 60 1.694915254237288 0

3 16 60

1352 -189.25690412521362 60 1.694915254237288 0

2 9 60

1360 -190.6318655014038 60 1.694915254237288 0

10 29 60

1368 -192.0788004398346 60 1.694915254237288 0

4 18 60

1376 -193.7781937122345 60 1.694915254237288 0

27 29 60

1384 -195.88727021217346 60 1.694915254237288 0

11 17 60

1392 -197.59368705749512 60 1.694915254237288 0

7 26 60

1400 -199.0047092437744 60 1.694915254237288 0

17 27 60

1408 -200.84355545043945 60 1.694915254237288 0

7 20 60

1416 -202.59997463226318 60 1.694915254237288 0

16 23 60

1424 -204.05852675437927 60 1.694915254237288 0

8 24 60

1432 -205.54203486442566 60 1.694915254237288 0

7 30 60

1440 -206.9280080795288 60 1.694915254237288 0

7 11 60

1448 -208.58337378501892 60 1.694915254237288 0

21 30 60

1456 -210.28605318069458 60 1.694915254237288 0

18 25 60

1464 -212.24582934379578 60 1.694915254237288 0

5 24 60

1472 -214.3181676864624 60 1.694915254237288 0

28 30 60

1480 -215.73012328147888 60 1.694915254237288 0

17 26 60

1488 -217.39438772201538 60 1.694915254237288 0

5 19 60

1496 -218.937824010849 60 1.694915254237288 0

5 21 60

1504 -220.493803024292 60 1.694915254237288 0

2 15 60

1512 -222.02316617965698 60 1.694915254237288 0

9 28 60

1520 -223.8316788673401 60 1.694915254237288 0

20 24 60

1528 -225.30999779701233 60 1.694915254237288 0

20 29 60

1536 -226.66535091400146 60 1.694915254237288 0

3 7 60

1544 -228.26580381393433 60 1.694915254237288 0

7 26 60

1552 -229.91952514648438 60 1.694915254237288 0

16 21 60

1560 -231.70993423461914 60 1.694915254237288 0

15 24 60

1568 -233.31051301956177 60 1.694915254237288 0

12 21 60

1576 -235.16204595565796 60 1.694915254237288 0

3 7 60

1584 -236.86451530456543 60 1.694915254237288 0

4 7 60

1592 -238.6191794872284 60 1.694915254237288 0

8 19 60

1600 -240.34385204315186 60 1.694915254237288 0

22 24 60

1608 -242.09319615364075 60 1.694915254237288 0

13 30 60

1616 -243.6172034740448 60 1.694915254237288 0

14 26 60

1624 -245.3116466999054 60 1.694915254237288 0

15 29 60

1632 -246.92978262901306 60 1.694915254237288 0

13 27 60

1640 -248.53120923042297 60 1.694915254237288 0

19 29 60

1648 -250.0528528690338 60 1.694915254237288 0

16 28 60

1656 -252.01058316230774 60 1.694915254237288 0

20 28 60

1664 -253.52115893363953 60 1.694915254237288 0

22 26 60

1672 -255.3978407382965 60 1.694915254237288 0

15 30 60

1680 -257.1188642978668 60 1.694915254237288 0

18 21 60

1688 -259.00136971473694 60 1.694915254237288 0

11 26 60

1696 -260.8368515968323 60 1.694915254237288 0

15 22 60

1704 -262.3691439628601 60 1.694915254237288 0

4 28 60

1712 -264.17269372940063 60 1.694915254237288 0

16 21 60

1720 -265.54023337364197 60 1.694915254237288 0

24 28 60

1728 -266.9987177848816 59 0.0 0

final date： [0, 9, 0, 0, 4, 9, 13, 11, 22, 4, 23, 25, 17, 26, 24, 35, 30, 39, 31, 43, 45, 13, 25, 33, 46, 40, 53, 30, 53, 56, 47, 59]

finalduration： 59 opm 59 deviation 0.0 % time 267.03 s

j3046\_8.sm 58

8 -0.16655254364013672 60 3.4482758620689653 0

16 -0.3460705280303955 60 3.4482758620689653 0

24 -0.5186071395874023 60 3.4482758620689653 0

32 -0.7659440040588379 60 3.4482758620689653 0

40 -0.9580085277557373 58 0.0 0

final date： [0, 0, 0, 0, 22, 19, 1, 8, 10, 13, 7, 34, 10, 20, 13, 22, 27, 43, 28, 27, 33, 31, 34, 42, 39, 43, 40, 42, 54, 50, 49, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.98 s

j3046\_9.sm 49

8 -0.1362600326538086 51 4.081632653061225 0

16 -0.3037703037261963 51 4.081632653061225 0

24 -0.5606992244720459 51 4.081632653061225 0

32 -0.7310326099395752 51 4.081632653061225 0

40 -0.8916013240814209 51 4.081632653061225 0

48 -1.104032278060913 51 4.081632653061225 0

56 -1.358349084854126 51 4.081632653061225 0

64 -1.6061744689941406 51 4.081632653061225 0

72 -1.8606975078582764 51 4.081632653061225 0

80 -2.050834894180298 50 2.0408163265306123 0

88 -2.2792224884033203 50 2.0408163265306123 0

96 -2.4348416328430176 50 2.0408163265306123 0

104 -2.675159215927124 50 2.0408163265306123 0

112 -2.9244894981384277 50 2.0408163265306123 0

120 -3.176382541656494 50 2.0408163265306123 0

128 -3.417734384536743 50 2.0408163265306123 0

136 -3.662078380584717 50 2.0408163265306123 0

144 -3.884481191635132 50 2.0408163265306123 0

152 -4.025139808654785 50 2.0408163265306123 0

160 -4.164771318435669 50 2.0408163265306123 0

168 -4.305348873138428 50 2.0408163265306123 0

176 -4.47693943977356 49 0.0 0

final date： [0, 0, 0, 4, 2, 11, 2, 4, 21, 7, 11, 22, 17, 7, 8, 25, 17, 34, 26, 17, 35, 26, 34, 37, 34, 42, 37, 38, 42, 47, 43, 49]

finalduration： 49 opm 49 deviation 0.0 % time 4.49 s

j3047\_1.sm 58

final date： [0, 0, 14, 0, 8, 8, 17, 21, 23, 17, 31, 21, 7, 33, 14, 23, 31, 37, 34, 37, 37, 40, 44, 41, 51, 48, 42, 51, 56, 48, 51, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3047\_10.sm 60

8 -0.16443681716918945 61 1.6666666666666667 0

16 -0.3327059745788574 61 1.6666666666666667 0

24 -0.5033462047576904 61 1.6666666666666667 0

32 -0.7776107788085938 61 1.6666666666666667 0

40 -0.9561300277709961 61 1.6666666666666667 0

48 -1.2105505466461182 60 0.0 0

final date： [0, 0, 0, 0, 4, 5, 16, 12, 5, 16, 12, 13, 16, 26, 21, 6, 27, 36, 37, 26, 32, 43, 27, 48, 48, 27, 41, 44, 51, 54, 50, 60]

finalduration： 60 opm 60 deviation 0.0 % time 1.24 s

j3047\_2.sm 59

final date： [0, 15, 3, 0, 17, 9, 45, 16, 30, 11, 9, 13, 14, 19, 18, 23, 26, 37, 32, 37, 43, 37, 29, 38, 46, 31, 38, 47, 52, 55, 50, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j3047\_3.sm 55

final date： [0, 0, 0, 0, 7, 7, 13, 14, 7, 9, 13, 9, 16, 15, 13, 21, 28, 19, 19, 24, 26, 24, 21, 38, 36, 36, 27, 42, 47, 42, 46, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j3047\_4.sm 49

8 -0.19704508781433105 50 2.0408163265306123 0

16 -0.4364025592803955 49 0.0 0

final date： [0, 0, 0, 4, 4, 4, 7, 10, 10, 9, 10, 11, 28, 12, 34, 15, 5, 17, 19, 19, 19, 17, 21, 31, 21, 33, 27, 36, 42, 43, 42, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.46 s

j3047\_5.sm 47

8 -0.12865424156188965 48 2.127659574468085 0

16 -0.26429009437561035 47 0.0 0

final date： [0, 0, 0, 0, 7, 9, 14, 12, 11, 14, 11, 15, 22, 7, 7, 15, 15, 25, 26, 24, 30, 35, 36, 24, 35, 35, 24, 36, 26, 43, 45, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.28 s

j3047\_6.sm 53

8 -0.14466071128845215 54 1.8867924528301887 0

16 -0.29329919815063477 54 1.8867924528301887 0

24 -0.48281383514404297 54 1.8867924528301887 0

32 -0.6832137107849121 54 1.8867924528301887 0

40 -0.8397068977355957 54 1.8867924528301887 0

48 -1.1129727363586426 54 1.8867924528301887 0

56 -1.3503339290618896 54 1.8867924528301887 0

64 -1.5283517837524414 54 1.8867924528301887 0

72 -1.69187593460083 54 1.8867924528301887 0

80 -1.857431173324585 54 1.8867924528301887 0

88 -2.0150442123413086 54 1.8867924528301887 0

96 -2.1705899238586426 53 0.0 0

final date： [0, 0, 0, 14, 5, 4, 5, 11, 15, 11, 14, 8, 12, 15, 15, 25, 24, 24, 35, 42, 28, 37, 38, 18, 33, 28, 34, 45, 44, 47, 43, 53]

finalduration： 53 opm 53 deviation 0.0 % time 2.19 s

j3047\_7.sm 66

final date： [0, 0, 0, 0, 12, 5, 5, 7, 5, 11, 12, 9, 20, 16, 16, 14, 23, 11, 32, 34, 30, 46, 30, 34, 39, 40, 40, 49, 40, 56, 57, 66]

finalduration： 66 opm 66 deviation 0.0 % time 0.01 s

j3047\_8.sm 48

final date： [0, 0, 0, 0, 1, 1, 4, 12, 10, 4, 4, 7, 10, 12, 12, 17, 19, 19, 35, 26, 21, 29, 26, 19, 29, 36, 34, 36, 37, 39, 46, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j3047\_9.sm 65

final date： [0, 0, 0, 0, 9, 10, 19, 10, 4, 9, 10, 16, 27, 23, 31, 19, 19, 28, 29, 35, 44, 41, 19, 44, 33, 52, 54, 54, 46, 60, 59, 65]

finalduration： 65 opm 65 deviation 0.0 % time 0.01 s

j3048\_1.sm 63

final date： [0, 0, 0, 0, 10, 5, 5, 10, 9, 13, 18, 18, 20, 26, 9, 5, 17, 24, 36, 26, 36, 17, 46, 36, 19, 47, 45, 51, 9, 59, 59, 63]

finalduration： 63 opm 63 deviation 0.0 % time 0.01 s

j3048\_10.sm 54

final date： [0, 0, 0, 0, 7, 13, 10, 21, 13, 13, 14, 20, 26, 26, 11, 30, 31, 29, 21, 21, 11, 27, 35, 37, 37, 37, 35, 37, 39, 47, 46, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j3048\_2.sm 54

final date： [0, 0, 0, 0, 6, 9, 1, 9, 2, 9, 11, 16, 6, 13, 16, 16, 20, 6, 20, 25, 25, 20, 26, 26, 26, 34, 41, 43, 41, 47, 13, 54]

finalduration： 54 opm 54 deviation 0.0 % time 0.01 s

j3048\_3.sm 50

final date： [0, 0, 0, 0, 4, 7, 14, 8, 8, 8, 14, 9, 14, 4, 13, 22, 23, 13, 23, 23, 29, 17, 23, 23, 26, 31, 23, 34, 41, 27, 41, 50]

finalduration： 50 opm 50 deviation 0.0 % time 0.01 s

j3048\_4.sm 57

final date： [0, 0, 0, 0, 8, 5, 8, 10, 10, 16, 16, 12, 21, 2, 21, 20, 16, 11, 20, 27, 30, 30, 20, 40, 30, 27, 40, 40, 49, 41, 49, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j3048\_5.sm 58

final date： [0, 0, 0, 0, 9, 10, 10, 19, 13, 23, 19, 10, 29, 19, 13, 23, 23, 29, 28, 28, 29, 38, 34, 39, 28, 39, 33, 33, 48, 47, 38, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3048\_6.sm 58

final date： [0, 0, 0, 0, 5, 6, 5, 10, 18, 9, 10, 14, 17, 17, 5, 27, 18, 14, 27, 37, 47, 18, 23, 23, 22, 32, 31, 47, 31, 42, 48, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j3048\_7.sm 55

final date： [0, 0, 0, 0, 6, 12, 16, 6, 1, 10, 12, 24, 13, 30, 8, 16, 18, 24, 16, 30, 35, 35, 20, 38, 36, 45, 45, 30, 48, 45, 53, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j3048\_8.sm 44

final date： [0, 0, 0, 0, 3, 5, 11, 12, 9, 11, 11, 9, 17, 20, 16, 19, 26, 26, 9, 19, 35, 19, 25, 23, 32, 36, 36, 34, 36, 42, 42, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.01 s

j3048\_9.sm 59

final date： [0, 0, 0, 0, 6, 6, 5, 13, 15, 5, 5, 16, 22, 22, 22, 18, 17, 31, 18, 28, 28, 37, 37, 40, 40, 46, 22, 30, 49, 49, 49, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j304\_1.sm 49

final date： [0, 0, 0, 0, 7, 4, 4, 6, 4, 7, 8, 6, 17, 6, 20, 9, 23, 17, 13, 23, 15, 7, 18, 17, 28, 36, 28, 33, 37, 18, 41, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.01 s

j304\_10.sm 48

final date： [0, 0, 0, 0, 9, 3, 2, 3, 11, 6, 15, 22, 11, 19, 32, 9, 2, 4, 11, 19, 15, 8, 17, 26, 20, 9, 29, 40, 29, 41, 32, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j304\_2.sm 60

final date： [0, 0, 0, 0, 5, 8, 5, 8, 13, 8, 5, 6, 13, 21, 6, 28, 8, 28, 20, 34, 37, 47, 13, 21, 29, 47, 36, 41, 52, 51, 34, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.01 s

j304\_3.sm 47

final date： [0, 0, 0, 0, 6, 13, 6, 8, 13, 6, 10, 17, 13, 19, 15, 21, 21, 25, 9, 18, 10, 25, 19, 23, 13, 25, 28, 32, 15, 28, 41, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j304\_4.sm 57

final date： [0, 0, 0, 0, 1, 1, 1, 5, 4, 8, 4, 12, 6, 14, 12, 6, 18, 15, 7, 8, 17, 16, 24, 21, 30, 40, 25, 40, 41, 49, 41, 57]

finalduration： 57 opm 57 deviation 0.0 % time 0.01 s

j304\_5.sm 59

final date： [0, 0, 0, 0, 10, 4, 10, 19, 6, 9, 23, 4, 23, 19, 9, 25, 19, 27, 17, 25, 35, 6, 25, 28, 35, 35, 41, 45, 53, 21, 42, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.01 s

j304\_6.sm 45

final date： [0, 0, 0, 0, 9, 5, 9, 19, 8, 29, 18, 8, 9, 22, 5, 23, 5, 31, 33, 6, 34, 34, 19, 34, 23, 18, 36, 34, 44, 35, 39, 45]

finalduration： 45 opm 45 deviation 0.0 % time 0.01 s

j304\_7.sm 56

final date： [0, 0, 0, 0, 3, 4, 3, 12, 3, 18, 5, 24, 13, 18, 13, 20, 16, 28, 4, 5, 26, 29, 20, 38, 45, 13, 21, 25, 29, 49, 32, 56]

finalduration： 56 opm 56 deviation 0.0 % time 0.01 s

j304\_8.sm 55

final date： [0, 0, 0, 0, 8, 6, 9, 15, 9, 8, 11, 10, 15, 25, 6, 11, 11, 17, 26, 10, 34, 20, 18, 37, 26, 25, 34, 39, 46, 28, 39, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.01 s

j304\_9.sm 38

final date： [0, 0, 0, 0, 4, 4, 10, 4, 8, 8, 12, 8, 12, 12, 8, 6, 20, 6, 13, 16, 7, 29, 10, 6, 19, 19, 22, 21, 24, 28, 35, 38]

finalduration： 38 opm 38 deviation 0.0 % time 0.01 s

j305\_1.sm 53

8 -0.14960575103759766 55 3.7735849056603774 0

16 -0.30678725242614746 54 1.8867924528301887 0

24 -0.4663581848144531 54 1.8867924528301887 0

32 -0.6269040107727051 54 1.8867924528301887 0

40 -0.7808115482330322 54 1.8867924528301887 0

48 -0.9337153434753418 54 1.8867924528301887 0

56 -1.0853095054626465 54 1.8867924528301887 0

64 -1.2478697299957275 54 1.8867924528301887 0

72 -1.4562740325927734 54 1.8867924528301887 0

80 -1.6298470497131348 54 1.8867924528301887 0

88 -1.7929461002349854 54 1.8867924528301887 0

96 -2.0058579444885254 54 1.8867924528301887 0

104 -2.165165424346924 54 1.8867924528301887 0

112 -2.325741767883301 54 1.8867924528301887 0

120 -2.5022194385528564 54 1.8867924528301887 0

128 -2.6498637199401855 54 1.8867924528301887 0

136 -2.83522367477417 54 1.8867924528301887 0

144 -3.0037336349487305 54 1.8867924528301887 0

152 -3.1569254398345947 54 1.8867924528301887 0

160 -3.3115158081054688 54 1.8867924528301887 0

168 -3.4630696773529053 53 0.0 0

final date： [0, 5, 1, 0, 5, 1, 8, 5, 28, 15, 6, 22, 21, 29, 32, 6, 35, 38, 16, 33, 19, 21, 24, 35, 44, 38, 43, 40, 47, 38, 47, 53]

finalduration： 53 opm 53 deviation 0.0 % time 3.48 s

j305\_10.sm 70

8 -0.20145750045776367 79 12.857142857142856 0

16 -0.4537804126739502 72 2.857142857142857 0

24 -0.6642143726348877 72 2.857142857142857 0

32 -0.8656737804412842 72 2.857142857142857 0

40 -1.0641419887542725 70 0.0 0

final date： [0, 0, 0, 0, 3, 18, 27, 27, 30, 13, 39, 27, 46, 4, 46, 14, 32, 33, 50, 30, 18, 54, 13, 50, 54, 13, 46, 42, 63, 56, 56, 70]

finalduration： 70 opm 70 deviation 0.0 % time 1.09 s

j305\_2.sm 82

8 -0.23518681526184082 89 8.536585365853659 0

16 -0.4715893268585205 89 8.536585365853659 0

24 -0.7129020690917969 89 8.536585365853659 0

32 -0.9632656574249268 84 2.4390243902439024 0

40 -1.1996424198150635 84 2.4390243902439024 0

48 -1.491837501525879 84 2.4390243902439024 0

56 -1.7186861038208008 83 1.2195121951219512 0

64 -2.0238678455352783 83 1.2195121951219512 0

72 -2.3011221885681152 83 1.2195121951219512 0

80 -2.6262502670288086 83 1.2195121951219512 0

88 -2.861628293991089 83 1.2195121951219512 0

96 -3.095012903213501 83 1.2195121951219512 0

104 -3.3358328342437744 83 1.2195121951219512 0

112 -3.5781819820404053 83 1.2195121951219512 0

120 -3.7995874881744385 83 1.2195121951219512 0

128 -4.028971910476685 83 1.2195121951219512 0

136 -4.255948543548584 83 1.2195121951219512 0

144 -4.489321708679199 83 1.2195121951219512 0

152 -4.701751470565796 83 1.2195121951219512 0

160 -4.9510817527771 83 1.2195121951219512 0

168 -5.178509712219238 83 1.2195121951219512 0

176 -5.437814474105835 83 1.2195121951219512 0

184 -5.657222747802734 83 1.2195121951219512 0

192 -5.917728424072266 83 1.2195121951219512 0

200 -6.202216386795044 83 1.2195121951219512 0

208 -6.4452126026153564 83 1.2195121951219512 0

216 -6.680617094039917 83 1.2195121951219512 0

224 -6.980925798416138 83 1.2195121951219512 0

232 -7.24725079536438 83 1.2195121951219512 0

240 -7.513572931289673 83 1.2195121951219512 0

248 -7.819714546203613 83 1.2195121951219512 0

256 -8.045905828475952 83 1.2195121951219512 0

264 -8.350051641464233 83 1.2195121951219512 0

272 -8.58047103881836 83 1.2195121951219512 0

280 -8.84630537033081 83 1.2195121951219512 0

288 -9.122564792633057 83 1.2195121951219512 0

296 -9.383898258209229 83 1.2195121951219512 0

7 27 83

304 -11.394002199172974 83 1.2195121951219512 0

11 28 83

312 -13.41610336303711 83 1.2195121951219512 0

6 8 83

320 -15.499413251876831 83 1.2195121951219512 0

27 29 83

328 -17.8474543094635 83 1.2195121951219512 0

9 28 83

336 -19.917431592941284 83 1.2195121951219512 0

18 21 83

344 -21.820130109786987 83 1.2195121951219512 0

19 30 83

352 -23.973914861679077 83 1.2195121951219512 0

3 10 83

360 -26.034948587417603 83 1.2195121951219512 0

1 4 83

368 -27.73397135734558 83 1.2195121951219512 0

26 30 83

376 -29.50245690345764 83 1.2195121951219512 0

4 10 83

384 -31.181212186813354 83 1.2195121951219512 0

12 30 83

392 -32.989299058914185 83 1.2195121951219512 0

8 23 83

400 -34.84380865097046 83 1.2195121951219512 0

15 22 83

408 -36.71322703361511 83 1.2195121951219512 0

24 28 83

416 -38.62036061286926 83 1.2195121951219512 0

17 27 83

424 -40.93659019470215 83 1.2195121951219512 0

20 22 83

432 -43.101046085357666 83 1.2195121951219512 0

6 9 83

440 -45.21096849441528 83 1.2195121951219512 0

5 21 83

448 -47.31711196899414 83 1.2195121951219512 0

22 28 83

456 -49.59606218338013 83 1.2195121951219512 0

2 23 83

464 -51.53412103652954 83 1.2195121951219512 0

17 25 83

472 -53.7299120426178 83 1.2195121951219512 0

9 20 83

480 -55.860024213790894 83 1.2195121951219512 0

4 14 83

488 -58.12971210479736 83 1.2195121951219512 0

28 30 83

496 -60.44838070869446 83 1.2195121951219512 0

26 28 83

504 -62.44951319694519 83 1.2195121951219512 0

12 22 83

512 -64.3767442703247 83 1.2195121951219512 0

21 24 83

520 -66.75079584121704 83 1.2195121951219512 0

20 27 83

528 -69.2428514957428 83 1.2195121951219512 0

26 29 83

536 -71.49311470985413 83 1.2195121951219512 0

13 25 83

544 -73.76885962486267 83 1.2195121951219512 0

15 21 83

552 -75.96801662445068 83 1.2195121951219512 0

15 27 83

560 -77.83771204948425 83 1.2195121951219512 0

19 22 83

568 -80.08222699165344 83 1.2195121951219512 0

22 29 83

576 -82.12690949440002 83 1.2195121951219512 0

28 30 83

584 -84.61634945869446 82 0.0 0

final date： [0, 15, 0, 5, 30, 42, 24, 5, 14, 22, 24, 42, 27, 40, 28, 38, 42, 29, 38, 47, 14, 49, 61, 57, 47, 64, 53, 40, 74, 57, 70, 82]

finalduration： 82 opm 82 deviation 0.0 % time 84.64 s

j305\_3.sm 76

8 -0.2213597297668457 83 9.210526315789473 0

16 -0.5235497951507568 82 7.894736842105263 0

24 -0.9076306819915771 82 7.894736842105263 0

32 -1.2861387729644775 82 7.894736842105263 0

40 -1.511662244796753 82 7.894736842105263 0

48 -1.845432996749878 82 7.894736842105263 0

56 -2.1057324409484863 82 7.894736842105263 0

64 -2.465766668319702 80 5.263157894736842 0

72 -2.8065216541290283 80 5.263157894736842 0

80 -3.0756185054779053 80 5.263157894736842 0

88 -3.3029732704162598 80 5.263157894736842 0

96 -3.57524037361145 79 3.9473684210526314 0

104 -3.9509220123291016 79 3.9473684210526314 0

112 -4.169321775436401 79 3.9473684210526314 0

120 -4.379763603210449 76 0.0 0

final date： [0, 6, 0, 0, 6, 4, 14, 25, 25, 16, 24, 33, 24, 46, 16, 25, 42, 4, 42, 33, 47, 39, 47, 51, 51, 33, 42, 58, 50, 53, 67, 76]

finalduration： 76 opm 76 deviation 0.0 % time 4.42 s

j305\_4.sm 63

8 -0.3011925220489502 66 4.761904761904762 0

16 -0.6253213882446289 66 4.761904761904762 0

24 -0.9295032024383545 65 3.1746031746031744 0

32 -1.2057626247406006 65 3.1746031746031744 0

40 -1.4012815952301025 65 3.1746031746031744 0

48 -1.6219778060913086 65 3.1746031746031744 0

56 -1.8264272212982178 63 0.0 0

final date： [0, 0, 0, 6, 35, 19, 10, 29, 14, 16, 25, 20, 27, 30, 34, 39, 25, 48, 30, 36, 43, 53, 37, 48, 47, 53, 49, 43, 58, 55, 56, 63]

finalduration： 63 opm 63 deviation 0.0 % time 1.85 s

j305\_5.sm 76

8 -0.36693882942199707 85 11.842105263157894 0

16 -0.6503698825836182 78 2.631578947368421 0

24 -0.8654286861419678 78 2.631578947368421 0

32 -1.0978059768676758 78 2.631578947368421 0

40 -1.316178798675537 78 2.631578947368421 0

48 -1.5246586799621582 78 2.631578947368421 0

56 -1.7440667152404785 78 2.631578947368421 0

64 -1.9581167697906494 78 2.631578947368421 0

72 -2.1880927085876465 78 2.631578947368421 0

80 -2.4084932804107666 78 2.631578947368421 0

88 -2.708399772644043 78 2.631578947368421 0

96 -2.9876480102539062 77 1.3157894736842104 0

104 -3.2080559730529785 77 1.3157894736842104 0

112 -3.4224801063537598 76 0.0 0

final date： [0, 0, 0, 0, 13, 4, 4, 23, 23, 13, 27, 27, 39, 56, 27, 27, 27, 40, 34, 28, 34, 9, 40, 46, 56, 46, 62, 69, 60, 75, 46, 76]

finalduration： 76 opm 76 deviation 0.0 % time 3.45 s

j305\_6.sm 64

8 -0.20112967491149902 71 10.9375 0

16 -0.39864349365234375 71 10.9375 0

24 -0.5990967750549316 71 10.9375 0

32 -0.79856276512146 71 10.9375 0

40 -1.0000200271606445 69 7.8125 0

48 -1.198486328125 67 4.6875 0

56 -1.3909707069396973 65 1.5625 0

64 -1.5847575664520264 65 1.5625 0

72 -1.8158438205718994 65 1.5625 0

80 -2.0571954250335693 65 1.5625 0

88 -2.2849180698394775 65 1.5625 0

96 -2.5767273902893066 65 1.5625 0

104 -2.779184341430664 65 1.5625 0

112 -3.1043097972869873 65 1.5625 0

120 -3.4151201248168945 65 1.5625 0

128 -3.651902675628662 65 1.5625 0

136 -3.8743059635162354 65 1.5625 0

144 -4.064833641052246 65 1.5625 0

152 -4.25831151008606 65 1.5625 0

160 -4.45179295539856 65 1.5625 0

168 -4.645263910293579 65 1.5625 0

176 -4.834764242172241 65 1.5625 0

184 -5.036227703094482 65 1.5625 0

192 -5.2369225025177 65 1.5625 0

200 -5.449393033981323 65 1.5625 0

208 -5.645863056182861 65 1.5625 0

216 -5.832324743270874 65 1.5625 0

224 -6.0298309326171875 65 1.5625 0

232 -6.287719488143921 65 1.5625 0

240 -6.5208070278167725 65 1.5625 0

248 -6.741729021072388 65 1.5625 0

256 -7.020949840545654 65 1.5625 0

264 -7.268321752548218 65 1.5625 0

272 -7.542548894882202 65 1.5625 0

280 -7.785895109176636 65 1.5625 0

288 -8.002351760864258 65 1.5625 0

296 -8.202838659286499 65 1.5625 0

4 17 65

304 -10.096468448638916 65 1.5625 0

12 18 65

312 -12.404739379882812 65 1.5625 0

13 22 65

320 -14.508891582489014 65 1.5625 0

23 27 65

328 -16.567967176437378 65 1.5625 0

23 29 65

336 -18.19562840461731 65 1.5625 0

8 28 65

344 -20.29975199699402 65 1.5625 0

27 29 65

352 -22.539706230163574 65 1.5625 0

10 14 65

360 -24.511698007583618 65 1.5625 0

12 14 65

368 -26.2986261844635 65 1.5625 0

6 8 65

376 -28.198604345321655 65 1.5625 0

5 19 65

384 -30.291027069091797 65 1.5625 0

20 22 65

392 -32.37937331199646 65 1.5625 0

2 8 64

yes 64

402 -34.33137655258179 64 0.0 0

final date： [0, 9, 0, 0, 8, 10, 20, 17, 24, 8, 10, 20, 9, 32, 24, 9, 28, 18, 24, 28, 18, 35, 48, 35, 32, 34, 43, 44, 56, 54, 54, 64]

finalduration： 64 opm 64 deviation 0.0 % time 34.35 s

j305\_7.sm 76

8 -0.22739052772521973 88 15.789473684210526 0

16 -0.4777548313140869 84 10.526315789473683 0

24 -0.7011544704437256 83 9.210526315789473 0

32 -1.0333914756774902 83 9.210526315789473 0

40 -1.2628133296966553 81 6.578947368421052 0

48 -1.5759358406066895 81 6.578947368421052 0

56 -1.862811803817749 78 2.631578947368421 0

64 -2.1692068576812744 78 2.631578947368421 0

72 -2.390775680541992 78 2.631578947368421 0

80 -2.6838459968566895 78 2.631578947368421 0

88 -2.908280611038208 78 2.631578947368421 0

96 -3.1296889781951904 78 2.631578947368421 0

104 -3.3570377826690674 78 2.631578947368421 0

112 -3.625913381576538 76 0.0 0

final date： [0, 10, 0, 0, 19, 49, 22, 6, 24, 36, 32, 18, 32, 43, 10, 30, 36, 36, 61, 39, 55, 22, 55, 18, 53, 54, 54, 53, 66, 61, 66, 76]

finalduration： 76 opm 76 deviation 0.0 % time 3.65 s

j305\_8.sm 67

8 -0.25353193283081055 71 5.970149253731343 0

16 -0.4639701843261719 71 5.970149253731343 0

24 -0.7641611099243164 71 5.970149253731343 0

32 -0.9845318794250488 71 5.970149253731343 0

40 -1.2721643447875977 67 0.0 0

final date： [0, 14, 0, 0, 1, 9, 27, 1, 44, 8, 18, 13, 17, 9, 27, 35, 23, 35, 25, 44, 36, 51, 54, 51, 8, 35, 36, 36, 64, 64, 55, 67]

finalduration： 67 opm 67 deviation 0.0 % time 1.31 s

j305\_9.sm 49

8 -0.21941065788269043 51 4.081632653061225 0

16 -0.40790534019470215 51 4.081632653061225 0

24 -0.6073696613311768 51 4.081632653061225 0

32 -0.797858476638794 51 4.081632653061225 0

40 -1.051177740097046 51 4.081632653061225 0

48 -1.3015055656433105 50 2.0408163265306123 0

56 -1.558814525604248 50 2.0408163265306123 0

64 -1.725403070449829 50 2.0408163265306123 0

72 -1.8967173099517822 50 2.0408163265306123 0

80 -2.0438525676727295 50 2.0408163265306123 0

88 -2.290191173553467 50 2.0408163265306123 0

96 -2.4697091579437256 50 2.0408163265306123 0

104 -2.6271893978118896 50 2.0408163265306123 0

112 -2.798729181289673 50 2.0408163265306123 0

120 -2.991708993911743 50 2.0408163265306123 0

128 -3.1722240447998047 50 2.0408163265306123 0

136 -3.373682975769043 50 2.0408163265306123 0

144 -3.5661675930023193 50 2.0408163265306123 0

152 -3.758650779724121 50 2.0408163265306123 0

160 -3.9441890716552734 50 2.0408163265306123 0

168 -4.124290943145752 50 2.0408163265306123 0

176 -4.291893482208252 50 2.0408163265306123 0

184 -4.540266275405884 50 2.0408163265306123 0

192 -4.758715867996216 50 2.0408163265306123 0

200 -4.909580945968628 50 2.0408163265306123 0

208 -5.055535554885864 50 2.0408163265306123 0

216 -5.209161043167114 50 2.0408163265306123 0

224 -5.356762170791626 50 2.0408163265306123 0

232 -5.590099334716797 50 2.0408163265306123 0

240 -5.8494391441345215 50 2.0408163265306123 0

248 -6.039439916610718 50 2.0408163265306123 0

256 -6.203999280929565 50 2.0408163265306123 0

264 -6.456321954727173 50 2.0408163265306123 0

272 -6.713630437850952 50 2.0408163265306123 0

280 -6.962960720062256 50 2.0408163265306123 0

288 -7.222945213317871 50 2.0408163265306123 0

22 27 50

296 -8.87315559387207 50 2.0408163265306123 0

5 19 50

304 -10.523483276367188 50 2.0408163265306123 0

21 27 50

312 -12.01203989982605 50 2.0408163265306123 0

7 14 50

320 -13.319177150726318 50 2.0408163265306123 0

14 27 50

328 -14.702756643295288 50 2.0408163265306123 0

19 25 50

336 -16.286092519760132 50 2.0408163265306123 0

4 26 50

344 -18.134957313537598 50 2.0408163265306123 0

13 24 50

352 -19.5815327167511 50 2.0408163265306123 0

6 22 50

360 -21.107786655426025 50 2.0408163265306123 0

8 16 50

368 -22.851234912872314 50 2.0408163265306123 0

15 19 50

376 -24.737507581710815 50 2.0408163265306123 0

19 22 50

384 -26.66750693321228 50 2.0408163265306123 0

16 24 50

392 -28.189542055130005 50 2.0408163265306123 0

4 21 50

400 -29.766523361206055 50 2.0408163265306123 0

13 17 50

408 -31.45855736732483 50 2.0408163265306123 0

22 27 50

416 -32.791903495788574 50 2.0408163265306123 0

16 26 50

424 -34.408334732055664 50 2.0408163265306123 0

10 29 50

432 -35.897727966308594 50 2.0408163265306123 0

20 23 50

440 -37.69741201400757 50 2.0408163265306123 0

21 23 50

448 -39.202253103256226 50 2.0408163265306123 0

2 5 50

456 -40.872297525405884 50 2.0408163265306123 0

20 28 50

464 -42.377944469451904 50 2.0408163265306123 0

10 15 50

472 -43.83709669113159 50 2.0408163265306123 0

4 30 50

480 -45.60648250579834 50 2.0408163265306123 0

3 12 50

488 -46.90100574493408 50 2.0408163265306123 0

10 30 50

496 -48.65096354484558 50 2.0408163265306123 0

23 29 50

504 -50.04498362541199 50 2.0408163265306123 0

20 28 50

512 -51.73556089401245 50 2.0408163265306123 0

27 30 50

520 -52.99925684928894 50 2.0408163265306123 0

2 22 50

528 -54.33577847480774 50 2.0408163265306123 0

9 11 50

536 -55.64986610412598 50 2.0408163265306123 0

21 23 50

544 -57.00877618789673 50 2.0408163265306123 0

5 15 50

552 -58.29531502723694 50 2.0408163265306123 0

18 24 50

560 -59.66128706932068 50 2.0408163265306123 0

22 30 50

568 -61.09506368637085 50 2.0408163265306123 0

21 24 50

576 -62.439661741256714 50 2.0408163265306123 0

18 20 50

584 -63.75449776649475 50 2.0408163265306123 0

1 25 50

592 -65.1652660369873 50 2.0408163265306123 0

1 5 50

600 -66.42612290382385 50 2.0408163265306123 0

16 29 50

608 -67.703684091568 50 2.0408163265306123 0

17 19 50

616 -68.98126602172852 50 2.0408163265306123 0

21 30 50

624 -70.38590431213379 50 2.0408163265306123 0

8 16 50

632 -71.71306943893433 50 2.0408163265306123 0

26 28 50

640 -73.3096330165863 50 2.0408163265306123 0

19 26 50

648 -74.99705219268799 50 2.0408163265306123 0

9 16 50

656 -76.67870044708252 50 2.0408163265306123 0

13 27 50

664 -78.30691409111023 50 2.0408163265306123 0

20 27 50

672 -80.02140522003174 50 2.0408163265306123 0

27 29 50

680 -81.87464380264282 50 2.0408163265306123 0

11 27 50

688 -86.09834408760071 50 2.0408163265306123 0

7 20 50

696 -88.45560145378113 50 2.0408163265306123 0

13 29 50

704 -93.47034811973572 50 2.0408163265306123 0

22 27 50

712 -95.88128781318665 50 2.0408163265306123 0

19 23 50

720 -97.81792521476746 50 2.0408163265306123 0

19 27 50

728 -99.77452731132507 50 2.0408163265306123 0

6 28 50

736 -101.97458410263062 50 2.0408163265306123 0

20 26 50

744 -104.05211472511292 50 2.0408163265306123 0

15 30 50

752 -106.39149570465088 50 2.0408163265306123 0

16 27 50

760 -108.43199133872986 50 2.0408163265306123 0

25 28 50

768 -110.22936248779297 50 2.0408163265306123 0

9 30 50

776 -112.16680312156677 50 2.0408163265306123 0

26 28 50

784 -113.94835901260376 50 2.0408163265306123 0

14 22 50

792 -115.84275102615356 50 2.0408163265306123 0

2 29 50

800 -117.63691473007202 50 2.0408163265306123 0

19 26 50

808 -119.46384525299072 50 2.0408163265306123 0

5 15 50

816 -121.17651724815369 50 2.0408163265306123 0

12 16 50

824 -123.00566577911377 50 2.0408163265306123 0

20 22 50

832 -124.79251384735107 50 2.0408163265306123 0

26 28 50

840 -126.5729067325592 50 2.0408163265306123 0

15 26 50

848 -128.3249270915985 50 2.0408163265306123 0

21 27 50

856 -130.25023651123047 50 2.0408163265306123 0

18 24 50

864 -132.09846019744873 50 2.0408163265306123 0

26 30 50

872 -133.83690524101257 49 0.0 0

final date： [0, 0, 0, 0, 4, 11, 11, 14, 1, 24, 26, 10, 24, 4, 10, 16, 38, 28, 33, 23, 26, 11, 11, 34, 17, 36, 28, 44, 38, 26, 47, 49]

finalduration： 49 opm 49 deviation 0.0 % time 133.86 s

j306\_1.sm 59

8 -0.1964728832244873 60 1.694915254237288 0

16 -0.4009242057800293 59 0.0 0

final date： [0, 0, 1, 7, 15, 10, 11, 24, 26, 23, 30, 42, 25, 28, 18, 30, 26, 33, 40, 39, 50, 43, 45, 36, 29, 26, 36, 49, 49, 54, 56, 59]

finalduration： 59 opm 59 deviation 0.0 % time 0.43 s

j306\_10.sm 61

8 -0.238358736038208 62 1.639344262295082 0

16 -0.4742875099182129 62 1.639344262295082 0

24 -0.6996827125549316 61 0.0 0

final date： [0, 0, 5, 0, 5, 10, 4, 16, 18, 34, 8, 18, 11, 12, 15, 23, 25, 24, 37, 48, 34, 35, 45, 30, 25, 32, 42, 42, 58, 52, 60, 61]

finalduration： 61 opm 61 deviation 0.0 % time 0.72 s

j306\_2.sm 51

8 -0.18254828453063965 55 7.8431372549019605 0

16 -0.4155421257019043 54 5.88235294117647 0

24 -0.6439313888549805 54 5.88235294117647 0

32 -0.8663346767425537 54 5.88235294117647 0

40 -1.0598158836364746 54 5.88235294117647 0

48 -1.2612733840942383 54 5.88235294117647 0

56 -1.5544884204864502 52 1.9607843137254901 0

64 -1.7649226188659668 52 1.9607843137254901 0

72 -1.9514243602752686 52 1.9607843137254901 0

80 -2.1429102420806885 52 1.9607843137254901 0

88 -2.3349525928497314 52 1.9607843137254901 0

96 -2.525052070617676 52 1.9607843137254901 0

104 -2.707563877105713 52 1.9607843137254901 0

112 -2.9106040000915527 52 1.9607843137254901 0

120 -3.125037908554077 52 1.9607843137254901 0

128 -3.348975896835327 52 1.9607843137254901 0

136 -3.628227949142456 52 1.9607843137254901 0

144 -3.8167226314544678 52 1.9607843137254901 0

152 -4.021172046661377 52 1.9607843137254901 0

160 -4.253167152404785 52 1.9607843137254901 0

168 -4.4426586627960205 52 1.9607843137254901 0

176 -4.6929872035980225 52 1.9607843137254901 0

184 -4.912400007247925 52 1.9607843137254901 0

192 -5.1138596534729 52 1.9607843137254901 0

200 -5.292114734649658 52 1.9607843137254901 0

208 -5.482605695724487 52 1.9607843137254901 0

216 -5.741909980773926 52 1.9607843137254901 0

224 -5.995229482650757 52 1.9607843137254901 0

232 -6.2939934730529785 52 1.9607843137254901 0

240 -6.502434730529785 52 1.9607843137254901 0

248 -6.7747039794921875 52 1.9607843137254901 0

256 -6.968187093734741 52 1.9607843137254901 0

264 -7.16973614692688 52 1.9607843137254901 0

272 -7.374274730682373 52 1.9607843137254901 0

280 -7.566333055496216 52 1.9607843137254901 0

288 -7.765798330307007 52 1.9607843137254901 0

296 -7.951298713684082 52 1.9607843137254901 0

3 30 53

304 -10.239227056503296 51 0.0 0

final date： [0, 0, 13, 0, 1, 4, 19, 4, 13, 13, 19, 32, 21, 7, 23, 13, 28, 29, 15, 15, 33, 24, 28, 23, 32, 39, 39, 39, 41, 39, 49, 51]

finalduration： 51 opm 51 deviation 0.0 % time 10.27 s

j306\_3.sm 48

8 -0.17851996421813965 49 2.083333333333333 0

16 -0.4118940830230713 49 2.083333333333333 0

24 -0.5993914604187012 48 0.0 0

final date： [0, 2, 0, 0, 6, 3, 11, 28, 14, 14, 22, 18, 11, 15, 21, 32, 22, 17, 18, 38, 19, 31, 23, 44, 41, 25, 28, 39, 42, 44, 45, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.62 s

j306\_4.sm 42

8 -0.19946646690368652 43 2.380952380952381 0

16 -0.39662885665893555 43 2.380952380952381 0

24 -0.5521736145019531 43 2.380952380952381 0

32 -0.7127423286437988 43 2.380952380952381 0

40 -0.8782970905303955 43 2.380952380952381 0

48 -1.0589184761047363 43 2.380952380952381 0

56 -1.236058235168457 43 2.380952380952381 0

64 -1.442525863647461 43 2.380952380952381 0

72 -1.6253058910369873 43 2.380952380952381 0

80 -1.8237717151641846 43 2.380952380952381 0

88 -2.016256093978882 43 2.380952380952381 0

96 -2.1967713832855225 43 2.380952380952381 0

104 -2.383272409439087 43 2.380952380952381 0

112 -2.545837163925171 43 2.380952380952381 0

120 -2.737321376800537 42 0.0 0

final date： [0, 0, 0, 5, 5, 1, 1, 12, 14, 11, 5, 19, 24, 20, 14, 19, 19, 26, 27, 20, 5, 26, 27, 34, 29, 34, 34, 34, 36, 35, 37, 42]

finalduration： 42 opm 42 deviation 0.0 % time 2.76 s

j306\_5.sm 67

8 -0.21941828727722168 70 4.477611940298507 0

16 -0.4667541980743408 70 4.477611940298507 0

24 -0.6967530250549316 70 4.477611940298507 0

32 -0.9787042140960693 70 4.477611940298507 0

40 -1.2419979572296143 69 2.9850746268656714 0

48 -1.4634039402008057 68 1.4925373134328357 0

56 -1.729874610900879 68 1.4925373134328357 0

64 -1.9682331085205078 68 1.4925373134328357 0

72 -2.2285351753234863 68 1.4925373134328357 0

80 -2.51476788520813 68 1.4925373134328357 0

88 -2.792024612426758 68 1.4925373134328357 0

96 -3.0273942947387695 68 1.4925373134328357 0

104 -3.2697808742523193 67 0.0 0

final date： [0, 0, 0, 9, 9, 13, 19, 13, 1, 33, 1, 13, 22, 23, 13, 15, 40, 22, 40, 9, 31, 39, 45, 26, 45, 53, 48, 48, 66, 58, 58, 67]

finalduration： 67 opm 67 deviation 0.0 % time 3.3 s

j306\_6.sm 37

final date： [0, 0, 0, 0, 1, 8, 12, 8, 4, 15, 5, 13, 1, 12, 15, 12, 2, 22, 19, 2, 4, 8, 15, 23, 19, 22, 23, 28, 25, 34, 30, 37]

finalduration： 37 opm 37 deviation 0.0 % time 0.01 s

j306\_7.sm 46

8 -0.20345258712768555 46 0.0 0

final date： [0, 11, 0, 0, 7, 7, 20, 8, 11, 11, 31, 11, 20, 8, 13, 13, 30, 26, 19, 26, 22, 31, 31, 31, 37, 35, 37, 19, 42, 38, 42, 46]

finalduration： 46 opm 46 deviation 0.0 % time 0.23 s

j306\_8.sm 39

8 -0.1695082187652588 42 7.6923076923076925 0

16 -0.3144998550415039 40 2.564102564102564 0

24 -0.49002742767333984 40 2.564102564102564 0

32 -0.6875035762786865 40 2.564102564102564 0

40 -0.9148964881896973 39 0.0 0

final date： [0, 0, 0, 0, 5, 7, 12, 12, 13, 5, 26, 16, 2, 7, 7, 23, 17, 14, 12, 22, 26, 16, 23, 23, 26, 22, 31, 31, 37, 33, 37, 39]

finalduration： 39 opm 39 deviation 0.0 % time 0.94 s

j306\_9.sm 51

final date： [0, 0, 0, 0, 9, 10, 6, 10, 6, 20, 17, 31, 17, 20, 27, 13, 27, 13, 19, 9, 21, 17, 34, 35, 10, 34, 38, 35, 43, 39, 35, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j307\_1.sm 55

final date： [0, 0, 0, 0, 8, 6, 12, 8, 8, 16, 10, 13, 20, 12, 13, 26, 2, 26, 22, 16, 10, 11, 25, 29, 22, 35, 35, 15, 27, 28, 45, 55]

finalduration： 55 opm 55 deviation 0.0 % time 0.02 s

j307\_10.sm 49

8 -0.15857458114624023 53 8.16326530612245 0

16 -0.43582940101623535 51 4.081632653061225 0

24 -0.6372888088226318 49 0.0 0

final date： [0, 0, 0, 0, 4, 10, 15, 26, 15, 17, 10, 10, 20, 10, 18, 15, 19, 30, 18, 26, 27, 30, 26, 35, 27, 34, 42, 45, 38, 47, 20, 49]

finalduration： 49 opm 49 deviation 0.0 % time 0.65 s

j307\_2.sm 42

final date： [0, 0, 0, 0, 7, 14, 8, 14, 7, 3, 7, 17, 16, 7, 20, 17, 3, 17, 16, 17, 17, 23, 19, 27, 31, 26, 10, 23, 29, 26, 41, 42]

finalduration： 42 opm 42 deviation 0.0 % time 0.01 s

j307\_3.sm 42

final date： [0, 0, 4, 0, 4, 4, 4, 9, 14, 11, 14, 13, 14, 20, 28, 16, 24, 20, 26, 12, 30, 32, 28, 24, 26, 30, 30, 35, 36, 35, 36, 42]

finalduration： 42 opm 42 deviation 0.0 % time 0.01 s

j307\_4.sm 44

8 -0.15812110900878906 44 0.0 0

final date： [0, 0, 0, 0, 5, 9, 11, 11, 7, 18, 7, 14, 14, 14, 17, 18, 27, 11, 24, 29, 21, 26, 23, 28, 23, 26, 27, 31, 37, 31, 37, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.18 s

j307\_5.sm 44

8 -0.20646047592163086 45 2.272727272727273 0

16 -0.3739585876464844 45 2.272727272727273 0

24 -0.5524806976318359 45 2.272727272727273 0

32 -0.747952938079834 45 2.272727272727273 0

40 -0.9424335956573486 45 2.272727272727273 0

48 -1.087043285369873 45 2.272727272727273 0

56 -1.22471284866333 45 2.272727272727273 0

64 -1.3673286437988281 45 2.272727272727273 0

72 -1.4989783763885498 45 2.272727272727273 0

80 -1.6535236835479736 45 2.272727272727273 0

88 -1.8001317977905273 45 2.272727272727273 0

96 -2.0236496925354004 45 2.272727272727273 0

104 -2.158947229385376 45 2.272727272727273 0

112 -2.3174824714660645 45 2.272727272727273 0

120 -2.5429136753082275 45 2.272727272727273 0

128 -2.6695845127105713 45 2.272727272727273 0

136 -2.796243667602539 45 2.272727272727273 0

144 -2.9228503704071045 45 2.272727272727273 0

152 -3.0537028312683105 45 2.272727272727273 0

160 -3.199272632598877 45 2.272727272727273 0

168 -3.4187045097351074 45 2.272727272727273 0

176 -3.586254119873047 45 2.272727272727273 0

184 -3.719895362854004 45 2.272727272727273 0

192 -3.8601038455963135 45 2.272727272727273 0

200 -4.072571516036987 45 2.272727272727273 0

208 -4.2006566524505615 45 2.272727272727273 0

216 -4.327316761016846 45 2.272727272727273 0

224 -4.459961175918579 45 2.272727272727273 0

232 -4.592642307281494 45 2.272727272727273 0

240 -4.717270851135254 45 2.272727272727273 0

248 -4.889682292938232 45 2.272727272727273 0

9 22 45

256 -6.399007797241211 45 2.272727272727273 0

16 22 45

264 -8.208715915679932 45 2.272727272727273 0

20 29 45

272 -9.91494107246399 45 2.272727272727273 0

7 17 45

280 -11.303340196609497 44 0.0 0

final date： [0, 0, 0, 0, 1, 9, 1, 28, 9, 1, 17, 3, 13, 9, 19, 13, 3, 16, 18, 21, 13, 28, 18, 9, 26, 27, 26, 33, 33, 35, 39, 44]

finalduration： 44 opm 44 deviation 0.0 % time 11.32 s

j307\_6.sm 35

final date： [0, 0, 0, 0, 5, 3, 8, 8, 10, 1, 10, 6, 11, 1, 8, 6, 11, 6, 13, 10, 10, 10, 18, 13, 13, 13, 18, 23, 20, 28, 21, 35]

finalduration： 35 opm 35 deviation 0.0 % time 0.01 s

j307\_7.sm 50

final date： [0, 0, 0, 0, 1, 4, 14, 1, 5, 14, 5, 22, 31, 15, 8, 24, 34, 32, 38, 24, 2, 15, 19, 34, 35, 25, 39, 34, 38, 41, 46, 50]

finalduration： 50 opm 50 deviation 0.0 % time 0.01 s

j307\_8.sm 44

final date： [0, 0, 0, 0, 8, 3, 7, 14, 3, 14, 22, 8, 19, 7, 3, 31, 24, 35, 19, 15, 31, 32, 38, 27, 7, 33, 7, 24, 35, 39, 42, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.01 s

j307\_9.sm 60

8 -0.14365100860595703 61 1.6666666666666667 0

16 -0.3161964416503906 61 1.6666666666666667 0

24 -0.49870967864990234 60 0.0 0

final date： [0, 0, 0, 0, 9, 9, 2, 9, 13, 14, 12, 10, 18, 32, 11, 24, 27, 2, 40, 18, 13, 21, 22, 24, 24, 18, 46, 18, 21, 37, 56, 60]

finalduration： 60 opm 60 deviation 0.0 % time 0.52 s

j308\_1.sm 44

final date： [0, 0, 0, 0, 7, 7, 6, 9, 9, 11, 8, 9, 9, 10, 8, 16, 9, 7, 10, 11, 16, 16, 18, 16, 25, 18, 23, 19, 27, 25, 34, 44]

finalduration： 44 opm 44 deviation 0.0 % time 0.01 s

j308\_10.sm 67

final date： [0, 0, 0, 0, 2, 9, 9, 7, 16, 22, 29, 36, 16, 16, 9, 29, 39, 25, 36, 22, 40, 29, 35, 39, 45, 42, 41, 51, 43, 22, 60, 67]

finalduration： 67 opm 67 deviation 0.0 % time 0.01 s

j308\_2.sm 51

final date： [0, 0, 0, 0, 6, 9, 17, 6, 5, 13, 5, 15, 13, 14, 14, 21, 21, 23, 19, 5, 23, 19, 13, 30, 14, 36, 44, 30, 23, 50, 35, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j308\_3.sm 53

final date： [0, 0, 0, 0, 9, 16, 5, 5, 9, 4, 17, 14, 4, 17, 23, 14, 17, 14, 9, 20, 19, 29, 35, 14, 27, 29, 42, 20, 45, 36, 23, 53]

finalduration： 53 opm 53 deviation 0.0 % time 0.01 s

j308\_4.sm 48

final date： [0, 0, 0, 0, 2, 6, 2, 10, 12, 8, 5, 12, 5, 15, 10, 2, 14, 22, 19, 12, 6, 14, 12, 22, 26, 29, 15, 36, 38, 19, 44, 48]

finalduration： 48 opm 48 deviation 0.0 % time 0.01 s

j308\_5.sm 58

final date： [0, 0, 0, 0, 3, 1, 5, 1, 9, 15, 5, 6, 3, 5, 9, 13, 18, 26, 26, 11, 1, 30, 17, 15, 30, 34, 43, 23, 32, 17, 52, 58]

finalduration： 58 opm 58 deviation 0.0 % time 0.01 s

j308\_6.sm 47

final date： [0, 0, 0, 0, 4, 1, 4, 5, 6, 11, 11, 19, 19, 1, 13, 4, 13, 13, 27, 19, 10, 27, 23, 29, 30, 34, 5, 15, 25, 21, 44, 47]

finalduration： 47 opm 47 deviation 0.0 % time 0.01 s

j308\_7.sm 41

final date： [0, 0, 0, 0, 7, 4, 12, 4, 4, 7, 4, 10, 18, 13, 6, 21, 14, 4, 18, 12, 12, 11, 14, 18, 22, 23, 19, 29, 26, 17, 31, 41]

finalduration： 41 opm 41 deviation 0.0 % time 0.01 s

j308\_8.sm 51

final date： [0, 0, 0, 0, 3, 3, 4, 13, 9, 13, 3, 18, 18, 9, 13, 25, 32, 25, 18, 4, 19, 30, 10, 18, 21, 29, 36, 36, 40, 46, 30, 51]

finalduration： 51 opm 51 deviation 0.0 % time 0.01 s

j308\_9.sm 39

final date： [0, 0, 0, 0, 6, 4, 1, 4, 14, 11, 11, 1, 5, 6, 6, 14, 10, 14, 20, 15, 20, 10, 23, 1, 14, 15, 23, 30, 23, 21, 31, 39]

finalduration： 39 opm 39 deviation 0.0 % time 0.01 s

j309\_1.sm 83

8 -0.33609986305236816 88 6.024096385542169 0

16 -0.7420105934143066 88 6.024096385542169 0

24 -1.0491855144500732 85 2.4096385542168677 0

32 -1.272575855255127 83 0.0 0

final date： [0, 10, 0, 0, 32, 45, 8, 26, 10, 20, 6, 20, 53, 15, 26, 32, 42, 26, 54, 38, 58, 67, 47, 16, 57, 37, 62, 26, 75, 75, 67, 83]

finalduration： 83 opm 83 deviation 0.0 % time 1.3 s

j309\_10.sm 88

8 -0.2403552532196045 90 2.272727272727273 0

16 -0.48171353340148926 90 2.272727272727273 0

24 -0.7290501594543457 90 2.272727272727273 0

32 -1.1469309329986572 90 2.272727272727273 0

40 -1.4590930938720703 90 2.272727272727273 0

48 -1.900937557220459 90 2.272727272727273 0

56 -2.323840618133545 90 2.272727272727273 0

64 -2.5781197547912598 90 2.272727272727273 0

72 -2.8311898708343506 90 2.272727272727273 0

80 -3.073500394821167 90 2.272727272727273 0

88 -3.4774184226989746 90 2.272727272727273 0

96 -3.770671844482422 90 2.272727272727273 0

104 -4.021635055541992 90 2.272727272727273 0

112 -4.280938148498535 90 2.272727272727273 0

120 -4.666466474533081 90 2.272727272727273 0

128 -4.999165773391724 90 2.272727272727273 0

136 -5.2913806438446045 89 1.1363636363636365 0

144 -5.544789791107178 89 1.1363636363636365 0

152 -5.797640800476074 89 1.1363636363636365 0

160 -6.0469794273376465 89 1.1363636363636365 0

168 -6.348128318786621 89 1.1363636363636365 0

176 -6.620196580886841 89 1.1363636363636365 0

184 -6.908503532409668 89 1.1363636363636365 0

192 -7.203706979751587 89 1.1363636363636365 0

200 -7.526380300521851 89 1.1363636363636365 0

208 -7.933287143707275 89 1.1363636363636365 0

216 -8.220561027526855 89 1.1363636363636365 0

224 -8.515724897384644 89 1.1363636363636365 0

232 -8.976214170455933 89 1.1363636363636365 0

240 -9.339449167251587 89 1.1363636363636365 0

248 -9.59241271018982 89 1.1363636363636365 0

256 -9.86699652671814 89 1.1363636363636365 0

264 -10.118021249771118 89 1.1363636363636365 0

272 -10.365395307540894 89 1.1363636363636365 0

280 -10.699462890625 88 0.0 0

final date： [0, 0, 0, 7, 10, 16, 23, 30, 9, 23, 42, 42, 23, 51, 16, 51, 65, 59, 77, 59, 33, 69, 39, 59, 77, 48, 69, 65, 78, 80, 86, 88]

finalduration： 88 opm 88 deviation 0.0 % time 10.74 s

j309\_2.sm 92

8 -0.36003899574279785 100 8.695652173913043 0

16 -0.7435595989227295 100 8.695652173913043 0

24 -0.9998733997344971 100 8.695652173913043 0

32 -1.2755420207977295 100 8.695652173913043 0

40 -1.5853147506713867 100 8.695652173913043 0

48 -2.033111810684204 100 8.695652173913043 0

56 -2.302966594696045 100 8.695652173913043 0

64 -2.584249496459961 100 8.695652173913043 0

72 -2.8764660358428955 100 8.695652173913043 0

80 -3.298297882080078 100 8.695652173913043 0

88 -3.7303659915924072 99 7.608695652173914 0

96 -4.199724435806274 99 7.608695652173914 0

104 -4.64889669418335 97 5.434782608695652 0

112 -5.096695423126221 97 5.434782608695652 0

120 -5.495624780654907 97 5.434782608695652 0

128 -5.811317682266235 97 5.434782608695652 0

136 -6.145423650741577 97 5.434782608695652 0

144 -6.427667856216431 97 5.434782608695652 0

152 -6.765798568725586 97 5.434782608695652 0

160 -7.029090404510498 97 5.434782608695652 0

168 -7.4671783447265625 97 5.434782608695652 0

176 -7.91398024559021 97 5.434782608695652 0

184 -8.299012660980225 97 5.434782608695652 0

192 -8.604194164276123 97 5.434782608695652 0

200 -8.92338490486145 97 5.434782608695652 0

208 -9.193615198135376 97 5.434782608695652 0

216 -9.58958911895752 97 5.434782608695652 0

224 -9.860871076583862 97 5.434782608695652 0

232 -10.122685194015503 97 5.434782608695652 0

240 -10.381029844284058 96 4.3478260869565215 0

248 -10.644323587417603 96 4.3478260869565215 0

256 -11.079582929611206 96 4.3478260869565215 0

264 -11.547327995300293 96 4.3478260869565215 0

272 -11.8880455493927 96 4.3478260869565215 0

280 -12.146352767944336 96 4.3478260869565215 0

288 -12.41307806968689 96 4.3478260869565215 0

296 -12.669352054595947 96 4.3478260869565215 0

304 -12.976581573486328 96 4.3478260869565215 0

312 -13.358105659484863 94 2.1739130434782608 0

320 -13.621014595031738 94 2.1739130434782608 0

328 -13.890123128890991 92 0.0 0

final date： [0, 57, 0, 7, 14, 18, 18, 7, 49, 55, 7, 19, 23, 37, 43, 29, 64, 16, 75, 57, 27, 74, 66, 57, 84, 83, 63, 23, 88, 49, 67, 92]

finalduration： 92 opm 92 deviation 0.0 % time 13.92 s

j309\_3.sm 68

8 -0.22658777236938477 77 13.23529411764706 0

16 -0.4480254650115967 77 13.23529411764706 0

24 -0.6574268341064453 75 10.294117647058822 0

32 -0.8509078025817871 72 5.88235294117647 0

40 -1.1650662422180176 72 5.88235294117647 0

48 -1.4154670238494873 72 5.88235294117647 0

56 -1.7435500621795654 72 5.88235294117647 0

64 -2.0008957386016846 72 5.88235294117647 0

72 -2.1961984634399414 71 4.411764705882353 0

80 -2.388683557510376 71 4.411764705882353 0

88 -2.703841209411621 71 4.411764705882353 0

96 -2.9970858097076416 71 4.411764705882353 0

104 -3.200214385986328 71 4.411764705882353 0

112 -3.5462489128112793 71 4.411764705882353 0

120 -3.809577703475952 71 4.411764705882353 0

128 -4.004059314727783 71 4.411764705882353 0

136 -4.2065160274505615 71 4.411764705882353 0

144 -4.398962497711182 71 4.411764705882353 0

152 -4.598424911499023 71 4.411764705882353 0

160 -4.87667989730835 71 4.411764705882353 0

168 -5.217476844787598 71 4.411764705882353 0

176 -5.5750274658203125 71 4.411764705882353 0

184 -5.84051513671875 71 4.411764705882353 0

192 -6.03498911857605 71 4.411764705882353 0

200 -6.240438938140869 71 4.411764705882353 0

208 -6.434879779815674 71 4.411764705882353 0

216 -6.7730090618133545 71 4.411764705882353 0

224 -6.976120471954346 71 4.411764705882353 0

232 -7.169604539871216 71 4.411764705882353 0

240 -7.370066404342651 71 4.411764705882353 0

248 -7.636353969573975 71 4.411764705882353 0

256 -7.893702745437622 71 4.411764705882353 0

264 -8.08817982673645 71 4.411764705882353 0

272 -8.281244993209839 71 4.411764705882353 0

280 -8.481699466705322 71 4.411764705882353 0

288 -8.799848794937134 71 4.411764705882353 0

296 -9.001268148422241 71 4.411764705882353 0

304 -9.207269668579102 71 4.411764705882353 0

312 -9.410761594772339 71 4.411764705882353 0

10 18 71

320 -11.485738277435303 71 4.411764705882353 0

14 27 71

328 -13.494909048080444 71 4.411764705882353 0

2 28 71

336 -15.535805702209473 71 4.411764705882353 0

20 26 71

344 -17.300143241882324 71 4.411764705882353 0

5 12 71

352 -19.598024368286133 71 4.411764705882353 0

16 28 71

360 -21.701077938079834 71 4.411764705882353 0

6 30 71

368 -24.1063129901886 71 4.411764705882353 0

19 25 71

376 -26.279497623443604 71 4.411764705882353 0

5 20 71

384 -28.472989559173584 71 4.411764705882353 0

10 29 71

392 -30.280319452285767 71 4.411764705882353 0

8 11 71

400 -32.59575271606445 71 4.411764705882353 0

1 4 71

408 -34.53806710243225 71 4.411764705882353 0

22 29 71

416 -36.78669214248657 71 4.411764705882353 0

3 19 71

424 -38.90717029571533 71 4.411764705882353 0

24 26 71

432 -41.248122692108154 71 4.411764705882353 0

3 21 71

440 -43.4417610168457 71 4.411764705882353 0

4 22 71

448 -45.37448310852051 71 4.411764705882353 0

21 23 71

456 -47.288411378860474 71 4.411764705882353 0

9 25 71

464 -49.140878200531006 71 4.411764705882353 0

3 7 71

472 -50.97092366218567 71 4.411764705882353 0

20 23 71

480 -52.70947575569153 71 4.411764705882353 0

9 24 71

488 -54.63091683387756 71 4.411764705882353 0

7 14 71

496 -56.53950119018555 71 4.411764705882353 0

16 27 71

504 -58.43825936317444 71 4.411764705882353 0

1 5 71

512 -60.33754539489746 71 4.411764705882353 0

27 30 71

520 -62.34566831588745 71 4.411764705882353 0

17 26 71

528 -64.38844394683838 71 4.411764705882353 0

21 27 71

536 -66.44837737083435 71 4.411764705882353 0

23 30 71

544 -68.36107778549194 71 4.411764705882353 0

19 21 71

552 -70.27816653251648 71 4.411764705882353 0

12 14 71

560 -72.68682265281677 71 4.411764705882353 0

8 28 71

568 -74.75771832466125 71 4.411764705882353 0

23 29 71

576 -76.68142580986023 71 4.411764705882353 0

6 30 71

584 -78.95939588546753 71 4.411764705882353 0

13 16 71

592 -81.10026717185974 71 4.411764705882353 0

21 27 71

600 -83.22271180152893 71 4.411764705882353 0

4 13 71

608 -85.51158475875854 71 4.411764705882353 0

1 21 71

616 -87.80004644393921 71 4.411764705882353 0

22 29 71

624 -89.8027675151825 71 4.411764705882353 0

24 29 71

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4752 -1366.3834965229034 72 1.4084507042253522 0

6 13 72

4760 -1368.6841223239899 72 1.4084507042253522 0

12 27 72

4768 -1370.7951197624207 72 1.4084507042253522 0

5 27 72

4776 -1372.845531463623 72 1.4084507042253522 0

2 12 72

4784 -1374.8584232330322 72 1.4084507042253522 0

11 30 72

4792 -1377.3113062381744 72 1.4084507042253522 0

22 24 72

4800 -1379.726262331009 72 1.4084507042253522 0

7 22 72

4808 -1382.1505990028381 72 1.4084507042253522 0

18 25 72

4816 -1384.7897100448608 72 1.4084507042253522 0

4 22 72

4824 -1387.4390907287598 72 1.4084507042253522 0

9 28 72

4832 -1390.1037204265594 72 1.4084507042253522 0

6 15 72

4840 -1392.8687753677368 72 1.4084507042253522 0

18 24 72

4848 -1395.7531807422638 72 1.4084507042253522 0

18 22 72

4856 -1398.2920408248901 72 1.4084507042253522 0

28 30 72

4864 -1400.9064671993256 72 1.4084507042253522 0

26 28 72

4872 -1403.3757951259613 72 1.4084507042253522 0

1 4 72

4880 -1405.7755982875824 72 1.4084507042253522 0

4 20 72

4888 -1409.0548207759857 72 1.4084507042253522 0

25 29 72

4896 -1411.6329293251038 72 1.4084507042253522 0

14 22 72

4904 -1414.2619888782501 72 1.4084507042253522 0

11 20 72

4912 -1416.9345960617065 72 1.4084507042253522 0

5 23 72

4920 -1419.3862354755402 72 1.4084507042253522 0

3 8 72

4928 -1421.704575061798 72 1.4084507042253522 0

25 30 72

4936 -1424.394377708435 72 1.4084507042253522 0

9 28 72

4944 -1426.9755971431732 72 1.4084507042253522 0

2 18 72

4952 -1429.9741351604462 72 1.4084507042253522 0

18 26 72

4960 -1432.929907798767 72 1.4084507042253522 0

1 21 72

4968 -1435.8808054924011 72 1.4084507042253522 0

6 18 72

4976 -1438.8231608867645 72 1.4084507042253522 0

5 16 72

4984 -1441.443288564682 72 1.4084507042253522 0

3 18 72

4992 -1444.3038368225098 72 1.4084507042253522 0

5 20 72

5000 -1447.120815038681 72 1.4084507042253522 0

17 28 72

5008 -1449.8589680194855 72 1.4084507042253522 0

final date： [0, 0, 5, 0, 24, 19, 10, 19, 5, 20, 28, 19, 13, 46, 24, 24, 53, 63, 28, 30, 30, 36, 17, 64, 36, 45, 54, 29, 63, 71, 64, 72]

finalduration： 72 opm 71 deviation 1.408 % time 1449.89 s

j309\_5.sm 70

8 -0.2682828903198242 72 2.857142857142857 0

16 -0.5565097332000732 72 2.857142857142857 0

24 -0.9127442836761475 72 2.857142857142857 0

32 -1.19000244140625 72 2.857142857142857 0

40 -1.5370726585388184 70 0.0 0

final date： [0, 0, 0, 9, 10, 17, 10, 17, 27, 9, 25, 47, 17, 24, 25, 49, 39, 27, 20, 27, 39, 49, 36, 61, 39, 65, 55, 61, 66, 55, 68, 70]

finalduration： 70 opm 70 deviation 0.0 % time 1.57 s

j309\_6.sm 59

8 -0.2259657382965088 64 8.47457627118644 0

16 -0.4673194885253906 62 5.084745762711865 0

24 -0.7613000869750977 61 3.389830508474576 0

32 -1.107881784439087 61 3.389830508474576 0

40 -1.3971092700958252 61 3.389830508474576 0

48 -1.6264948844909668 61 3.389830508474576 0

56 -1.8987665176391602 61 3.389830508474576 0

64 -2.182006359100342 61 3.389830508474576 0

72 -2.4622905254364014 61 3.389830508474576 0

80 -2.704606771469116 60 1.694915254237288 0

88 -2.9270119667053223 60 1.694915254237288 0

96 -3.228954553604126 60 1.694915254237288 0

104 -3.489257574081421 60 1.694915254237288 0

112 -3.7530765533447266 60 1.694915254237288 0

120 -3.999652624130249 60 1.694915254237288 0

128 -4.26848030090332 60 1.694915254237288 0

136 -4.593611240386963 60 1.694915254237288 0

144 -4.8795130252838135 60 1.694915254237288 0

152 -5.148790121078491 60 1.694915254237288 0

160 -5.371194839477539 60 1.694915254237288 0

168 -5.589609861373901 60 1.694915254237288 0

176 -5.872913599014282 60 1.694915254237288 0

184 -6.139200210571289 60 1.694915254237288 0

192 -6.366161823272705 60 1.694915254237288 0

200 -6.597506284713745 60 1.694915254237288 0

208 -6.819911956787109 60 1.694915254237288 0

216 -7.07323431968689 60 1.694915254237288 0

224 -7.299303293228149 59 0.0 0

final date： [0, 0, 1, 10, 16, 17, 1, 24, 34, 49, 19, 52, 11, 1, 19, 34, 11, 20, 42, 26, 24, 26, 34, 56, 26, 34, 42, 49, 58, 52, 51, 59]

finalduration： 59 opm 59 deviation 0.0 % time 7.32 s

j309\_7.sm 63

8 -0.25332164764404297 74 17.46031746031746 0

16 -0.49367809295654297 70 11.11111111111111 0

24 -0.779911994934082 69 9.523809523809524 0

32 -1.0542161464691162 69 9.523809523809524 0

40 -1.2921409606933594 69 9.523809523809524 0

48 -1.5651533603668213 69 9.523809523809524 0

56 -1.8648569583892822 69 9.523809523809524 0

64 -2.1436867713928223 69 9.523809523809524 0

72 -2.4039883613586426 66 4.761904761904762 0

80 -2.630943536758423 65 3.1746031746031744 0

88 -2.935952663421631 65 3.1746031746031744 0

96 -3.207775354385376 65 3.1746031746031744 0

104 -3.436163902282715 65 3.1746031746031744 0

112 -3.667544364929199 65 3.1746031746031744 0

120 -3.9089467525482178 65 3.1746031746031744 0

128 -4.150298595428467 65 3.1746031746031744 0

136 -4.3796844482421875 65 3.1746031746031744 0

144 -4.666916131973267 65 3.1746031746031744 0

152 -4.967763662338257 65 3.1746031746031744 0

160 -5.191124439239502 65 3.1746031746031744 0

168 -5.439496755599976 65 3.1746031746031744 0

176 -5.67682409286499 65 3.1746031746031744 0

184 -5.91372275352478 65 3.1746031746031744 0

192 -6.151122570037842 65 3.1746031746031744 0

200 -6.404446363449097 65 3.1746031746031744 0

208 -6.6398138999938965 65 3.1746031746031744 0

216 -6.915782690048218 65 3.1746031746031744 0

224 -7.153072834014893 65 3.1746031746031744 0

232 -7.376397609710693 65 3.1746031746031744 0

240 -7.605006217956543 65 3.1746031746031744 0

248 -7.860320568084717 65 3.1746031746031744 0

256 -8.15824031829834 65 3.1746031746031744 0

264 -8.422951698303223 65 3.1746031746031744 0

272 -8.674294233322144 65 3.1746031746031744 0

280 -8.902682304382324 65 3.1746031746031744 0

288 -9.23479437828064 65 3.1746031746031744 0

296 -9.490109205245972 65 3.1746031746031744 0

304 -9.739442348480225 65 3.1746031746031744 0

312 -10.010758399963379 65 3.1746031746031744 0

320 -10.317894220352173 65 3.1746031746031744 0

5 23 66

328 -12.647248983383179 65 3.1746031746031744 0

26 29 65

336 -14.880038976669312 65 3.1746031746031744 0

22 27 65

344 -17.103304147720337 65 3.1746031746031744 0

23 30 65

352 -19.55852484703064 65 3.1746031746031744 0

5 11 65

360 -22.096564531326294 65 3.1746031746031744 0

5 16 65

368 -24.379491090774536 65 3.1746031746031744 0

6 8 65

376 -26.81388807296753 65 3.1746031746031744 0

8 25 64

yes 64

386 -29.255226135253906 64 1.5873015873015872 0

394 -29.52446722984314 64 1.5873015873015872 0

402 -29.759839296340942 64 1.5873015873015872 0

410 -30.00725030899048 64 1.5873015873015872 0

418 -30.248605489730835 64 1.5873015873015872 0

426 -30.52087664604187 64 1.5873015873015872 0

434 -30.799129962921143 64 1.5873015873015872 0

442 -31.118277311325073 64 1.5873015873015872 0

450 -31.440263032913208 64 1.5873015873015872 0

458 -31.66473960876465 64 1.5873015873015872 0

466 -31.94695019721985 64 1.5873015873015872 0

474 -32.16720175743103 64 1.5873015873015872 0

482 -32.41054964065552 64 1.5873015873015872 0

490 -32.670445680618286 64 1.5873015873015872 0

498 -32.93283748626709 64 1.5873015873015872 0

506 -33.196807861328125 64 1.5873015873015872 0

514 -33.483041763305664 63 0.0 0

final date： [0, 0, 12, 4, 4, 16, 23, 41, 4, 29, 26, 31, 16, 23, 12, 45, 27, 41, 48, 47, 33, 47, 40, 13, 55, 56, 45, 46, 52, 55, 58, 63]

finalduration： 63 opm 63 deviation 0.0 % time 33.52 s

j309\_8.sm 91

8 -0.33310699462890625 99 8.791208791208792 0

16 -0.750523567199707 95 4.395604395604396 0

24 -1.1235244274139404 95 4.395604395604396 0

32 -1.5128369331359863 95 4.395604395604396 0

40 -1.873868465423584 95 4.395604395604396 0

48 -2.271803140640259 95 4.395604395604396 0

56 -2.641401529312134 95 4.395604395604396 0

64 -3.042325973510742 95 4.395604395604396 0

72 -3.4673473834991455 95 4.395604395604396 0

80 -3.7926323413848877 95 4.395604395604396 0

88 -4.132723808288574 95 4.395604395604396 0

96 -4.531898021697998 95 4.395604395604396 0

104 -4.918602705001831 95 4.395604395604396 0

112 -5.418795585632324 93 2.197802197802198 0

120 -5.844674110412598 93 2.197802197802198 0

128 -6.169803619384766 93 2.197802197802198 0

136 -6.479973077774048 93 2.197802197802198 0

144 -6.80410361289978 93 2.197802197802198 0

152 -7.245922327041626 93 2.197802197802198 0

160 -7.616063356399536 93 2.197802197802198 0

168 -8.053311586380005 93 2.197802197802198 0

176 -8.528545618057251 93 2.197802197802198 0

184 -8.836720705032349 93 2.197802197802198 0

192 -9.171859979629517 93 2.197802197802198 0

200 -9.510915279388428 93 2.197802197802198 0

208 -9.871947288513184 93 2.197802197802198 0

216 -10.177129983901978 93 2.197802197802198 0

224 -10.585691213607788 93 2.197802197802198 0

232 -10.984622955322266 93 2.197802197802198 0

240 -11.310747861862183 93 2.197802197802198 0

248 -11.69579553604126 93 2.197802197802198 0

256 -12.091735363006592 93 2.197802197802198 0

264 -12.484683275222778 93 2.197802197802198 0

272 -12.801982164382935 93 2.197802197802198 0

280 -13.2124183177948 93 2.197802197802198 0

288 -13.602110385894775 93 2.197802197802198 0

296 -13.924246311187744 93 2.197802197802198 0

304 -14.26494574546814 93 2.197802197802198 0

312 -14.697019577026367 93 2.197802197802198 0

320 -15.040101051330566 93 2.197802197802198 0

328 -15.391720294952393 93 2.197802197802198 0

336 -15.83353567123413 93 2.197802197802198 0

344 -16.22253680229187 93 2.197802197802198 0

352 -16.565818548202515 93 2.197802197802198 0

7 30 92

yes 92

362 -19.965871334075928 92 1.098901098901099 0

370 -20.363844394683838 92 1.098901098901099 0

378 -20.738808631896973 92 1.098901098901099 0

386 -21.108817100524902 92 1.098901098901099 0

394 -21.477866172790527 92 1.098901098901099 0

402 -21.81692147254944 92 1.098901098901099 0

410 -22.262727975845337 92 1.098901098901099 0

418 -22.70218276977539 92 1.098901098901099 0

426 -23.065202236175537 92 1.098901098901099 0

434 -23.455389976501465 92 1.098901098901099 0

442 -23.795044660568237 92 1.098901098901099 0

450 -24.126158952713013 92 1.098901098901099 0

458 -24.484428644180298 92 1.098901098901099 0

466 -24.84836435317993 92 1.098901098901099 0

474 -25.189451217651367 92 1.098901098901099 0

482 -25.600682735443115 92 1.098901098901099 0

490 -25.962713479995728 92 1.098901098901099 0

498 -26.346684217453003 92 1.098901098901099 0

506 -26.759135246276855 92 1.098901098901099 0

514 -27.17801523208618 92 1.098901098901099 0

522 -27.541043519973755 92 1.098901098901099 0

530 -27.842342615127563 92 1.098901098901099 0

538 -28.168734788894653 92 1.098901098901099 0

546 -28.510353088378906 92 1.098901098901099 0

554 -28.854431867599487 92 1.098901098901099 0

562 -29.200042963027954 92 1.098901098901099 0

570 -29.597214937210083 92 1.098901098901099 0

578 -29.906386852264404 92 1.098901098901099 0

586 -30.220546007156372 92 1.098901098901099 0

594 -30.537325143814087 92 1.098901098901099 0

602 -30.90633726119995 92 1.098901098901099 0

4 21 92

610 -34.00854134559631 92 1.098901098901099 0

15 27 92

618 -37.13001751899719 92 1.098901098901099 0

2 16 92

626 -40.16052508354187 92 1.098901098901099 0

25 30 92

634 -43.194664478302 92 1.098901098901099 0

22 27 92

642 -46.31034326553345 92 1.098901098901099 0

24 30 92

650 -49.103729486465454 92 1.098901098901099 0

4 16 92

658 -52.36290669441223 92 1.098901098901099 0

3 23 92

666 -55.56511616706848 92 1.098901098901099 0

10 14 92

674 -58.800400495529175 92 1.098901098901099 0

1 18 92

682 -62.16667413711548 92 1.098901098901099 0

14 22 92

690 -65.37903118133545 92 1.098901098901099 0

28 30 92

698 -68.42764043807983 92 1.098901098901099 0

7 14 92

706 -71.50070595741272 92 1.098901098901099 0

4 25 92

714 -74.98673415184021 92 1.098901098901099 0

15 19 92

722 -78.11312294006348 92 1.098901098901099 0

3 18 92

730 -81.84585380554199 92 1.098901098901099 0

7 15 92

738 -84.73621392250061 92 1.098901098901099 0

11 27 92

746 -88.13371086120605 92 1.098901098901099 0

12 19 92

754 -91.33363795280457 92 1.098901098901099 0

22 26 92

762 -94.59821581840515 92 1.098901098901099 0

3 27 92

770 -97.65043258666992 92 1.098901098901099 0

4 11 92

778 -99.90004253387451 92 1.098901098901099 0

13 28 92

786 -102.95371913909912 92 1.098901098901099 0

14 23 92

794 -105.87822246551514 92 1.098901098901099 0

4 23 92

802 -108.8931634426117 92 1.098901098901099 0

23 27 92

810 -111.49802088737488 92 1.098901098901099 0

22 25 92

818 -114.54324173927307 92 1.098901098901099 0

20 29 92

826 -117.25854396820068 92 1.098901098901099 0

23 29 92

834 -119.95610165596008 92 1.098901098901099 0

9 18 92

842 -122.84063220024109 92 1.098901098901099 0

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850 -125.26147723197937 92 1.098901098901099 0

7 21 92

858 -128.060622215271 92 1.098901098901099 0

19 24 92

866 -130.76192593574524 92 1.098901098901099 0

6 24 92

874 -133.47938990592957 92 1.098901098901099 0

23 25 92

882 -135.86784672737122 92 1.098901098901099 0

23 28 92

890 -138.24476289749146 92 1.098901098901099 0

16 22 92

898 -140.8632152080536 92 1.098901098901099 0

14 24 92

906 -143.60449409484863 92 1.098901098901099 0

15 24 92

914 -146.37456488609314 92 1.098901098901099 0

8 16 92

922 -148.65783667564392 92 1.098901098901099 0

24 26 92

930 -151.07980704307556 92 1.098901098901099 0

19 27 92

938 -153.44234800338745 92 1.098901098901099 0

27 29 92

946 -155.89021515846252 92 1.098901098901099 0

25 28 92

954 -158.3289999961853 92 1.098901098901099 0

4 22 92

962 -160.95081448554993 92 1.098901098901099 0

15 24 92

970 -163.47105813026428 92 1.098901098901099 0

19 22 92

978 -165.771381855011 92 1.098901098901099 0

3 27 92

986 -168.19630980491638 92 1.098901098901099 0

24 26 92

994 -170.3531882762909 92 1.098901098901099 0

6 12 92

1002 -172.6938877105713 92 1.098901098901099 0

16 29 92

1010 -175.64507174491882 92 1.098901098901099 0

1 18 92

1018 -178.24335384368896 92 1.098901098901099 0

3 24 92

1026 -180.66056180000305 92 1.098901098901099 0

14 22 92

1034 -183.02729558944702 92 1.098901098901099 0

7 17 92

1042 -185.5353925228119 92 1.098901098901099 0

9 17 92

1050 -188.15822792053223 92 1.098901098901099 0

17 19 92

1058 -190.39613342285156 92 1.098901098901099 0

8 13 92

1066 -192.70651578903198 92 1.098901098901099 0

17 19 92

1074 -195.34620213508606 92 1.098901098901099 0

27 30 92

1082 -198.03474855422974 92 1.098901098901099 0

9 23 92

1090 -200.72208642959595 92 1.098901098901099 0

6 20 92

1098 -203.24372363090515 92 1.098901098901099 0

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1106 -206.02262997627258 92 1.098901098901099 0

1 16 92

1114 -208.65970134735107 92 1.098901098901099 0

1 3 92

1122 -210.97409892082214 92 1.098901098901099 0

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1130 -213.49898099899292 92 1.098901098901099 0

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8 27 92

1146 -218.96125030517578 92 1.098901098901099 0

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1154 -221.47172951698303 92 1.098901098901099 0

1 23 92

1162 -224.24257016181946 92 1.098901098901099 0

20 22 92

1170 -226.50926637649536 92 1.098901098901099 0

23 25 92

1178 -228.78082966804504 92 1.098901098901099 0

18 25 92

1186 -231.09148335456848 92 1.098901098901099 0

3 20 92

1194 -233.45557188987732 92 1.098901098901099 0

3 12 92

1202 -235.62797141075134 92 1.098901098901099 0

20 27 92

1210 -237.911926984787 92 1.098901098901099 0

13 23 92

1218 -240.15703701972961 92 1.098901098901099 0

15 24 92

1226 -242.39763951301575 92 1.098901098901099 0

5 26 92

1234 -244.7748544216156 92 1.098901098901099 0

9 24 92

1242 -247.04510235786438 92 1.098901098901099 0

16 22 92

1250 -249.31160306930542 92 1.098901098901099 0

17 21 92

1258 -251.54679703712463 92 1.098901098901099 0

20 28 92

1266 -253.8587052822113 92 1.098901098901099 0

5 21 92

1274 -256.18321537971497 92 1.098901098901099 0

27 29 92

1282 -258.53784346580505 92 1.098901098901099 0

19 29 92

1290 -261.05808115005493 92 1.098901098901099 0

6 29 92

1298 -263.4894299507141 92 1.098901098901099 0

1 13 92

1306 -265.8380925655365 92 1.098901098901099 0

3 5 92

1314 -268.3645005226135 92 1.098901098901099 0

14 28 92

1322 -270.80971097946167 92 1.098901098901099 0

5 16 92

1330 -273.689359664917 92 1.098901098901099 0

20 24 92

1338 -276.19930720329285 92 1.098901098901099 0

9 18 92

1346 -278.5067174434662 92 1.098901098901099 0

20 24 92

1354 -280.9600977897644 92 1.098901098901099 0

6 13 92

1362 -283.8107464313507 92 1.098901098901099 0

22 30 92

1370 -286.6535680294037 92 1.098901098901099 0

13 21 92

1378 -289.4012932777405 92 1.098901098901099 0

20 26 92

1386 -291.65151929855347 92 1.098901098901099 0

13 22 92

1394 -294.3307375907898 92 1.098901098901099 0

12 27 92

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3674 -1078.7561037540436 92 1.098901098901099 0

8 24 92

3682 -1081.5315034389496 92 1.098901098901099 0

2 25 92

3690 -1083.874502658844 92 1.098901098901099 0

8 14 92

3698 -1086.684775352478 92 1.098901098901099 0

1 5 92

3706 -1089.6024188995361 92 1.098901098901099 0

10 21 91

yes 91

3716 -1092.20258975029 91 0.0 0

final date： [0, 0, 18, 0, 10, 28, 28, 46, 13, 44, 13, 47, 38, 6, 17, 47, 55, 38, 64, 57, 53, 85, 75, 10, 75, 65, 81, 28, 86, 87, 86, 91]

finalduration： 91 opm 91 deviation 0.0 % time 1092.25 s

j309\_9.sm 63

8 -0.2642943859100342 69 9.523809523809524 0

16 -0.5855190753936768 69 9.523809523809524 0

24 -0.7953877449035645 67 6.349206349206349 0

32 -1.0467166900634766 67 6.349206349206349 0

40 -1.3644349575042725 67 6.349206349206349 0

48 -1.6795918941497803 65 3.1746031746031744 0

56 -1.8847062587738037 65 3.1746031746031744 0

64 -2.060237169265747 65 3.1746031746031744 0

72 -2.2412197589874268 65 3.1746031746031744 0

80 -2.4197330474853516 65 3.1746031746031744 0

88 -2.5962231159210205 65 3.1746031746031744 0

96 -2.8396098613739014 65 3.1746031746031744 0

104 -3.0111513137817383 65 3.1746031746031744 0

112 -3.201172351837158 65 3.1746031746031744 0

120 -3.3886709213256836 65 3.1746031746031744 0

128 -3.620051860809326 65 3.1746031746031744 0

136 -3.805603504180908 65 3.1746031746031744 0

144 -3.987107992172241 65 3.1746031746031744 0

152 -4.220088481903076 65 3.1746031746031744 0

160 -4.420550584793091 65 3.1746031746031744 0

168 -4.600107431411743 65 3.1746031746031744 0

176 -4.898274898529053 65 3.1746031746031744 0

184 -5.171543121337891 65 3.1746031746031744 0

192 -5.439830780029297 65 3.1746031746031744 0

200 -5.645281076431274 65 3.1746031746031744 0

208 -5.962414026260376 65 3.1746031746031744 0

216 -6.187382459640503 65 3.1746031746031744 0

224 -6.479036092758179 65 3.1746031746031744 0

232 -6.6674964427948 65 3.1746031746031744 0

240 -6.942758560180664 65 3.1746031746031744 0

248 -7.1920928955078125 65 3.1746031746031744 0

256 -7.507195949554443 65 3.1746031746031744 0

264 -7.815528631210327 65 3.1746031746031744 0

272 -8.120712280273438 65 3.1746031746031744 0

280 -8.428504228591919 65 3.1746031746031744 0

288 -8.75163984298706 65 3.1746031746031744 0

3 8 65

296 -10.768084526062012 65 3.1746031746031744 0

7 22 65

304 -12.227976322174072 65 3.1746031746031744 0

22 25 64

yes 64

314 -13.625535011291504 64 1.5873015873015872 0

322 -13.814030647277832 64 1.5873015873015872 0

330 -13.997539758682251 63 0.0 0

final date： [0, 7, 12, 0, 26, 12, 7, 29, 16, 22, 16, 32, 32, 40, 34, 19, 32, 29, 37, 23, 43, 42, 36, 37, 56, 49, 58, 55, 59, 47, 59, 63]

finalduration： 63 opm 63 deviation 0.0 % time 14.02 s