summary

Problem size	time (basic)	space (basic)	time (efficient)	space (efficient)
16	6.610829100012780	50.7424	12.938979100436000	105.065600000000000
64	5.9265833012759700	50.7424	12.054499998688700	104.85280000000000
128	6.469679202884440	50.7424	12.626779198646500	155.2016
256	7.1362625025212800	50.7424	12.923166703432800	155.19680000000000
384	8.524083402007820	50.742400000000000	14.522079203277800	155.2392
512	10.148237500339700	50.742400000000000	16.092120800167300	209.7248
768	11.293733298778500	104.9616	17.856525000184800	260.12160000000000
1024	11.207116600126000	155.60240000000000	17.79318330064420	364.8944
1280	11.449620801955500	210.01920000000000	18.622545797377800	524.2872
1536	13.08512919768690	260.76240000000000	21.201616697013400	679.6648
2048	14.086125001311300	470.79120000000000	23.054654199630000	1048.5912
2560	13.508833300322300	734.8224	23.987637501210000	1572.8632
3072	14.687399998307200	995.692	26.385512497276100	2202.032
3584	15.060104202479100	1364.38	30.3210166990757	715.5648
3968	15.853879198432000	1625.3704	30.85050419718030	1137.3176

