

2019

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(2019.12.12)

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	2019-12-12		940,731,000
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1	2019	.	.	940,731,000	.
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2	940,731	867,619	73,112	8.4				
	52,097	681,597	72.4		-433	6,790	0.7	
	-1,324	27,851	2.9	/	39,261	369,219	39.2	
	21,730	215,002	22.8		650	144,678	15.3	
	609	1,029	0.1		30,140	202,889	21.5	
	0	15,252	1.6		-4,630	35,678	3.7	
					8,124	181,477	19.2	
					0	0	0.0	

$$\left(\begin{array}{c} \vdots \\ \vdots \end{array} \right)$$

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								()	
				가					
				1.	94,708	86,061	8,647	: -829,000 × 1 =	-829,000
								: 7,802,000 × 1 =	7,802,000
								: 1,674,000 × 1 =	1,674,000
				2.	4,908	6,192	-1,284	: -1,284,000 × 1 =	-1,284,000
				2.	104,473	90,081	14,392		
				1.	104,473	90,081	14,392	: 20,000 × 20 × 5 =	2,000,000
								: 24,000 × 1 =	24,000
								: 212,000 × 1 =	212,000
								: 452,000 × 1 =	452,000
								: -429,000 × 1 =	-429,000
								: -675,000 × 1 =	-675,000
								: -96,600 × 10 × 10 =	-9,660,000
								() : 3,000,000	3,000,000
								× 1 =	
								: 17,128,000 × 1 =	17,128,000
								: 3,830,000 × 1	3,830,000
								=	
								: -5,000,000	-5,000,000
								× 1 =	
								: 6,500	1,170,000
								× 18 × 10 =	
								: 6,500	2,340,000
								× 18 × 20 =	
				3.	3,068	4,120	-1,052		
				1.	3,068	4,120	-1,052	: -1,052,000 × 1 =	-1,052,000
				4.	1,140	1,800	-660		
				1.	1,140	1,800	-660	: -660,000 × 1 =	-660,000
				5.	6,705	5,018	1,687		
				1.	6,705	5,018	1,687	() : 1,687,000 × 1 =	1,687,000
				2.	1,029	420	609		
				1.	3	0	3		
				1.	3	0	3		
				1.	3	0	3	: 3,000 × 1 =	3,000

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								()	
				가					
		2.			10	20	-10		
			1.		10	20	-10		
				1.	10	20	-10	: -10,000 × 1 =	-10,000
		3.			1,016	400	616		
			1.		690	300	390		
				1.	690	300	390	: 390,000 × 1 =	390,000
			2.		326	100	226		
				1.	326	100	226	: 226,000 × 1 =	226,000
	3.				15,252	15,252	0		
		1.			15,252	15,252	0		
			1.		15,252	15,252	0		
				1.	15,252	15,252	0		
				1.	15,252	15,252	0		
					940,731	867,619	73,112		

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								()
				가				()
1.					6,790	7,223	-433	
	1.				512	512	0	
		1.			512	512	0	
			1.		512	512	0	
				1.	512	512	0	
	2.				6,278	6,711	-433	
		1.			6,278	6,711	-433	
			1.		178	611	-433	
				1.	111	111	0	
				2.	0	0	0	
				3.	67	500	-433	, -433,000 × 1 = -433,000
		2.			2,300	2,300	0	
			1.		2,300	2,300	0	
		3.			1,800	1,800	0	
			1.		936	640	296	296,000 × 1 = 296,000
			2.		420	770	-350	-350,000 × 1 = -350,000
			3.		444	390	54	54,000 × 1 = 54,000
		4.			2,000	2,000	0	
			1.		900	900	0	
			2.		300	300	0	
			3.		400	400	0	
			4.		400	400	0	
2.	/				369,219	329,958	39,261	
	1.				137,769	132,589	5,180	
		1.			137,769	132,589	5,180	
			1.		20,821	18,348	2,473	
				1.	10,063	7,590	2,473	247,300 × 10 = 2,473,000
				2.	3,000	3,000	0	

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								()
				가				()
				3.	7,500	7,500	0	
				4.	258	258	0	
				2.	609	975	-366	
				1.	609	975	-366	() 34,000 × 1 = 34,000
								-400,000 × 1 = -400,000
				3.	0	486	-486	
				1.	0	486	-486	-486,000 × 1 = -486,000
				4.	108,762	103,919	4,843	
				1.	108,762	103,919	4,843	4,843,000 × 1 = 4,843,000
				5.	4,908	6,192	-1,284	
				1.	4,908	6,192	-1,284	-1,284,000 × 1 = -1,284,000
				6.	2,669	2,669	0	
				1.	1,000	1,000	0	
				2.	1,200	1,200	0	
				3.	469	469	0	
				2.	14,127	14,380	-253	
				1. []	5,499	5,752	-253	
				1.	969	1,132	-163	
				1.	969	1,132	-163	(1,4) -163,000 × 1 = -163,000
				2.	2,130	2,220	-90	
				1.	330	440	-110	-110,000 × 1 = -110,000
				2.	620	600	20	20,000 × 1 = 20,000
				3.	880	880	0	
				4.	300	300	0	
				3.	100	100	0	
				1.	100	100	0	
				4. []	2,300	2,300	0	
				1.	2,100	2,100	0	

: 2 (:)

								()
				가				()
				2.	200	200	0	
		2.			8,628	8,628	0	
			1.		3,128	3,128	0	
				1.	3,128	3,128	0	
			2.		600	600	0	
				1.	600	600	0	
			3.		900	900	0	
				1.	900	900	0	
			4.		4,000	4,000	0	
				1.	2,924	4,000	-1,076	-1,076,000 × 1 = -1,076,000
				2.	1,076	0	1,076	1,076,000 × 1 = 1,076,000
		3.			172,766	137,693	35,073	
			1.		80,152	63,894	16,258	
				1.	80,152	63,894	16,258	
				1.	80,152	63,894	16,258	() 16,258,000 × 1 = 16,258,000
			2.		83,209	66,081	17,128	
				1.	43,009	25,881	17,128	
				1.	43,009	25,881	17,128	17,128,000 × 1 = 17,128,000
			2.		13,800	13,800	0	
				1.	13,800	13,800	0	
			3.		2,400	2,400	0	
				1.	2,400	2,400	0	
			4.		24,000	24,000	0	
				1.	24,000	24,000	0	
			3.		2,700	2,700	0	
				1.	2,700	2,700	0	
				1.	2,700	2,700	0	
			4.		6,705	5,018	1,687	

: 2 (:)

								()
				가				()
			1.		6,705	5,018	1,687	
			1.		6,705	5,018	1,687	() () 919,320 920,000 × 1 =
								() () 766,060 767,000 × 1 =
		4.			44,557	45,296	-739	
		1.			4,000	4,000	0	
			1.		4,000	4,000	0	
			1.		1,400	1,400	0	
			2.		2,600	2,600	0	
		2.			40,557	41,296	-739	
		1.			8,548	8,850	-302	
			1.		8,548	8,850	-302	-302,000 × 1 = -302,000
		2.			1,140	1,800	-660	
			1.		1,140	1,800	-660	-660,000 × 1 = -660,000
		3.			10,048	10,048	0	
			1.		3,500	3,500	0	
			2.		5,500	5,500	0	
			3.		1,048	1,048	0	
		4.			20,248	20,025	223	
			1.		18,420	18,317	103	103,000 × 1 = 103,000
			2.		500	400	100	100,000 × 1 = 100,000
			3.		1,328	1,308	20	4 20,000 × 1 = 20,000
		5.			573	573	0	
			1.		573	573	0	
		3.			144,678	144,028	650	
		1.			120,741	118,304	2,437	
			1.		14,380	14,380	0	
			1.		2,880	2,880	0	
			1.		2,880	2,880	0	

: 2 (:)

								()
				가				()
			2.		500	500	0	
				1.	500	500	0	
			3.		0	0	0	
				1.	0	0	0	
				2.	0	0	0	
			4.		8,000	8,000	0	
				1.	7,080	7,080	0	
				2.	720	720	0	
				3.	200	200	0	
			5.		3,000	3,000	0	
				1.	1,600	1,600	0	
				2.	1,400	1,400	0	
			2.		3,000	3,000	0	
				1.	3,000	3,000	0	
				1.	500	500	0	
				2.	2,500	2,500	0	
			3.		542	542	0	
				1.	542	542	0	
				1.	542	542	0	
			4.		0	300	-300	
				1.	0	300	-300	
				1.	0	300	-300	-300,000 × 1 = -300,000
			5.		9,829	9,829	0	
				1.	2,829	2,829	0	
				1.	1,517	1,517	0	
				2.	968	968	0	
				3.	344	344	0	
			2.		7,000	7,000	0	

: 2 (:)

								()
				가				()
				1.	5,020	5,020	0	
				2.	1,980	1,980	0	
			6. []		32,358	32,076	282	
			1.		2,000	2,000	0	
				1.	1,000	1,000	0	
				2.	1,000	1,000	0	
			2.		1,757	1,475	282	
				1.	1,425	1,225	200	200,000 × 1 = 200,000
				2.	250	250	0	
				3.	82	0	82 4	82,000 × 1 = 82,000
			3. []		28,601	28,601	0	
				1.	25,697	25,697	0	
				2.	2,904	2,904	0	
			7.		100	600	-500	
			1.		100	600	-500	
				1.	100	300	-200	-200,000 × 1 = -200,000
				2.	0	300	-300	-300,000 × 1 = -300,000
			8.		4,750	4,890	-140	
			1.		2,150	2,290	-140	
				1.	2,050	2,190	-140	-140,000 × 1 = -140,000
				2.	100	100	0	
			2.		200	200	0	
				1.	200	200	0	
			3.		2,400	2,400	0	
				1.	2,112	2,112	0	
				2.	288	288	0	
			9.		55,782	52,687	3,095	
			1.		1,320	1,320	0	

: 2 (:)

								()
				가				()
			1.	1,320	1,320	0		
			2.	3,540	3,540	0		
			1.	3,540	3,540	0	-105,000 × 1 =	-105,000
							105,000 × 1 =	105,000
			3.	640	640	0		
			1.	540	540	0		
			2.	100	100	0		
			4.	100	100	0		
			1.	100	100	0		
			5.	6,743	6,743	0		
			1.	1,440	540	900	300,000 × 3 =	900,000
			2.	100	400	-300	-300,000 × 1 =	-300,000
			3.	4,503	5,103	-600 3	-600,000 × 1 =	-600,000
			4.	700	700	0		
			6.	1,800	1,800	0		
			1.	1,800	1,800	0		
			7.	1,500	1,500	0		
			1.	1,500	1,500	0		
			8.	200	200	0		
			1.	200	200	0		
			9.	2,580	2,580	0		
			1.	2,400	2,400	0		
			2.	180	180	0		
			10.	29,054	27,646	1,408		
			1.	26,525	25,510	1,015	-147,000 × 1 =	-147,000
							가 -707,000 × 1 =	-707,000
							-256,000 × 1 =	-256,000
							() 250,000 × 1 × 1 =	250,000

: 2 (:)

								()
				가				()
								1,875,000 × 1 = 1,875,000
			2.		2,529	2,136	393 4	393,000 × 1 = 393,000
		11.			3,657	2,737	920	
			1.		3,657	2,737	920 ()	50,000 × 2 = 100,000
							()	82,000 × 10 = 820,000
		12.			3,048	2,281	767	
			1.		1,087	320	767 ()	767,000 × 1 = 767,000
			2.		1,961	1,961	0	
		13.			1,600	1,600	0	
			1.		200	200	0	
			2.		1,400	1,400	0	
	2.				23,937	25,724	-1,787	
		1.			6,900	7,315	-415	
			1.		0	200	-200	
				1.	0	200	-200	-200,000 × 1 = -200,000
		2.			1,592	1,700	-108	
			1.		1,542	1,500	42	42,000 × 1 = 42,000
			2.		50	200	-150	-150,000 × 1 = -150,000
		3.			3,415	3,415	0	
			1.		3,415	3,415	0	
		4.			1,893	2,000	-107	
			1.		1,893	2,000	-107	-107,000 × 1 = -107,000
		2.			11,228	12,600	-1,372	
			1.		3,593	4,520	-927	
				1.	446	400	46	46,000 × 1 = 46,000
				2.	3,147	4,120	-973	193,000 × 1 = 193,000
								-98,000 × 1 = -98,000
								-200,000 × 1 = -200,000

: 2 (:)

								()
				가				()
								-867,000 × 1 = -867,000
								-1,000 × 1 = -1,000
			2.		2,435	2,880	-445	
			1.		0	180	-180	-180,000 × 1 = -180,000
			2.		2,435	2,700	-265	-310,000 × 1 = -310,000
								45,000 × 1 = 45,000
			3.		4,000	4,000	0	
			1.		4,000	4,000	0	
			4.		1,200	1,200	0	
			1.		1,200	1,200	0	
		3.			5,804	5,804	0	
		1.			4,864	4,864	0	
		1.			4,864	4,864	0	
		2.			940	940	0	
		1.			940	940	0	
		4.			5	5	0	
		1.			5	5	0	
		1.			0	0	0	
		2.			5	5	0	
4.					202,889	172,749	30,140	
	1.				159,240	129,126	30,114	
		1.			68,701	70,430	-1,729	
		1.			0	0	0	
		1.			0	0	0	
		2.			6,464	4,440	2,024	
		1.			6,464	4,440	2,024	20,000 × 20 × 5 = 2,000,000
								24,000 × 1 = 24,000
		3.			36,460	46,560	-10,100	

: 2 (:)

								()
				가				()
				1.	31,701	37,900	-6,199	-429,000 × 1 = -429,000
								-96,000 × 10 × 10 = -9,600,000
								3,830,000 × 1 = 3,830,000
				2.	4,759	8,660	-3,901	212,000 × 1 = 212,000
								452,000 × 1 = 452,000
								-675,000 × 1 = -675,000
								-60,000 × 1 = -60,000
								-5,000,000 × 1 = -5,000,000
								6,500 × 18 × 10 = 1,170,000
				4.	11,977	8,630	3,347	
				1.	10,861	7,514	3,347	() 1,945,000 × 1 = 1,945,000
								() 가 500,000 × 1 × 1 = 500,000
								() 902,000 × 1 × 1 = 902,000
				2.	1,116	1,116	0	
				5.	13,800	10,800	3,000	
				1.	10,541	10,300	241	241,000 × 1 = 241,000
				2.	3,259	500	2,759	() 150,000 × 20 = 3,000,000
								-241,000 × 1 = -241,000
				2.	87,899	56,056	31,843	
				1.	25,881	25,881	0	
				1.	2,729	2,681	48	48,000 × 1 = 48,000
				2.	10,400	11,400	-1,000	-1,000,000 × 1 = -1,000,000
				3.	5,000	0	5,000	5,000,000 × 1 = 5,000,000
				4.	7,752	11,800	-4,048	-2,048,000 × 1 = -2,048,000
								-2,000,000 × 1 = -2,000,000
				2.	42,550	30,175	12,375	
				1.	39,239	27,481	11,758	3,180,000 × 1 = 3,180,000
								() 1,619,000 × 2 = 3,238,000

: 2 (:)

								()
				가				()
								() 가 500,000 × 2 × 1 = 1,000,000
								() 930,000 × 1 × 1 = 930,000
								30,000 × 1 = 30,000
								650,000 × 1 = 650,000
								() 2,280,000 × 1 = 2,280,000
								() 225,000 × 2 × 1 = 450,000
			2.		3,311	2,694	617	() ⁴ 1,483,500 × 2 = 2,967,000
								4 -2,350,000 × 1 = -2,350,000
		3.			2,340	0	2,340	
			1.		2,340	0	2,340	6,500 × 18 × 20 = 2,340,000
		4.			17,128	0	17,128	
			1.		3,360	0	3,360	480,000 × 7 = 3,360,000
			2.		13,768	0	13,768	1,376,800 × 10 = 13,768,000
		3.			2,640	2,640	0	
			1.		840	840	0	
				1.	840	840	0	
			2.		1,800	1,800	0	
				1.	1,800	1,800	0	
	2.				4,501	4,501	0	
		1.			4,501	4,501	0	
			1.		3,401	3,401	0	
				1.	3,401	3,401	0	
			2.		1,100	1,100	0	
				1.	1,100	1,100	0	
	3.				38,548	38,522	26	
		1. []			38,548	38,522	26	
			1.		2,773	2,773	0	
				1.	1,100	1,100	0	

: 2 (:)

								()
				가				()
			2.		1,673	1,673	0	
		2.			26,275	26,249	26	
			1.		23,966	23,090	876	876,000 × 1 = 876,000
			2.		2,309	3,159	-850 4	-850,000 × 1 = -850,000
		3.			7,300	7,300	0	
			1.		7,300	7,300	0	3,739,000 × 1 = 3,739,000
								-3,827,000 × 1 = -3,827,000
								88,000 × 1 = 88,000
		4. []			1,200	1,200	0	
			1.		1,200	1,200	0	
		5.			1,000	1,000	0	
			1.		1,000	1,000	0	
	4.				600	600	0	
		1.			600	600	0	
			1.		600	600	0	
			1.		600	600	0	
5.					35,678	40,308	-4,630	
	1.				8,715	9,930	-1,215	
		1.			8,715	9,930	-1,215	
			1.		1,700	1,700	0	
				1.	1,500	1,500	0	
				2.	200	200	0	
		2.			3,830	3,830	0	
			1.		3,470	3,470	0	
			2.		360	360	0	
		3.			100	100	0	
			1.		100	100	0	
		4.			600	1,100	-500	

: 2 (:)

								()
				가				()
			1.	600	1,100	-500	$\times 1 =$	-500,000 -500,000
		5.		685	1,400	-715		
			1.	685	1,400	-715		-715,000 $\times 1 =$ -715,000
		6.		100	100	0		
			1.	100	100	0		
		7.		1,700	1,700	0		
			1.	500	500	0		
			2.	0	0	0		
			3.	1,200	1,200	0		
	2.			10,548	10,848	-300		
		1.		6,720	6,720	0		
			1.	6,720	6,720	0		
			1.	6,720	6,720	0		
		2.		3,145	3,445	-300		
			1.	175	475	-300		
			1.	175	475	-300		-300,000 $\times 1 =$ -300,000
			2.	1,600	1,600	0		
			1.	1,600	1,600	0		
			3.	1,370	1,370	0		
			1.	1,370	1,370	0		
		3.		683	683	0		
			1.	683	683	0		
			1.	683	683	0		
	3.			16,415	19,530	-3,115		
		1.		547	1,200	-653		
			1.	220	400	-180		
			1.	220	400	-180		-180,000 $\times 1 =$ -180,000
		2.		327	800	-473		

: 2 (:)

								()
				가				()
				1.	327	800	-473	-473,000 × 1 = -473,000
			2.		15,868	18,330	-2,462	
			1.		15,528	18,030	-2,502	
				1.	5,230	7,230	-2,000	-2,000,000 × 1 = -2,000,000
				2.	10,298	10,800	-502	915,000 × 1 = 915,000
								-1,417,000 × 1 = -1,417,000
			2.	가	340	300	40	
				1.	190	150	40	40,000 × 1 = 40,000
				2.	50	50	0	
				3.	100	100	0	
6.					181,477	173,353	8,124	
			1.		48,297	50,030	-1,733	
			1.		31,198	32,931	-1,733	
			1.		5,804	6,124	-320	
				1.	0	320	-320	-320,000 × 1 = -320,000
				2.	5,604	5,604	0	
				3.	200	200	0	
			2.		14,521	16,367	-1,846	
				1.	754	1,200	-446	-446,000 × 1 = -446,000
				2.	5,216	6,616	-1,400	-1,700,000 × 1 = -1,700,000
								150,000 × 2 = 300,000
				3.	190	190	0	
				4.	3,600	3,600	0	
				5.	200	200	0	
				6.	4,561	4,561	0	
			3.		10,873	10,440	433	
				1.	4,800	4,800	0	
				2.	3,073	2,640	433	137,500 × 2 = 275,000

: 2 (:)

								()
				가				()
								-150,000 × 1 = -150,000
								137,000 × 4 = 548,000
								-400,000 × 1 = -400,000
								100,000 × 1 = 100,000
								60,000 × 1 = 60,000
			3.		3,000	3,000	0	
	2.				17,099	17,099	0	
		1.			17,099	17,099	0	
			1.		5,497	7,900	-2,403	-300,000 × 1 = -300,000
								-300,000 × 1 = -300,000
								-200,000 × 1 = -200,000
								-500,000 × 1 = -500,000
								-797,000 × 1 = -797,000
								215,000 × 1 = 215,000
								-521,000 × 1 = -521,000
			2.		7,050	6,000	1,050	1,050,000 × 1 = 1,050,000
			3.		1,995	720	1,275	-360,000 × 1 = -360,000
								1,635,000 × 1 = 1,635,000
			4.		850	500	350	350,000 × 1 = 350,000
			5.		1,707	1,979	-272	-272,000 × 1 = -272,000
	2.				132,280	122,023	10,257	
		1.			132,280	122,023	10,257	
			1.		32,272	29,602	2,670	
				1.	22,315	20,482	1,833	1,833,000 × 1 = 1,833,000
				2.	4,477	3,840	637	637,000 × 1 = 637,000
				3.	5,480	5,280	200	200,000 × 1 = 200,000
			2.		3,960	3,960	0	
				1.	3,960	3,960	0	

: 2 (:)

								()
				가				()
			3.		29,080	23,293	5,787	
			1.		28,330	22,543	5,787	5,782,000 × 1 = 5,782,000
			2.		750	750	0	5,000 × 1 = 5,000
			4.		26,968	25,168	1,800	
			1.		17,306	17,306	0	
			2.		9,012	7,212	1,800	3 900,000 × 2 = 1,800,000
			3.		400	400	0	
			4.		250	250	0	
			5.		40,000	40,000	0	
			1.		15,305	13,656	1,649	2,309,000 × 1 = 2,309,000
								-50,000 × 1 = -50,000
								-610,000 × 1 = -610,000
			2.		6,754	8,000	-1,246	-1,246,000 × 1 = -1,246,000
			3.		1,766	2,144	-378	-378,000 × 1 = -378,000
			4.		14,000	14,000	0	
			5.		975	1,000	-25	-25,000 × 1 = -25,000
			6.		1,200	1,200	0	
		3.			900	1,300	-400	
		1.			800	1,000	-200	
		1.			800	1,000	-200	
		1.			800	1,000	-200	= , -200,000 × 1 -200,000
		2.			100	300	-200	
		1.			100	300	-200	
		1.			0	200	-200	-200,000 × 1 = -200,000
		2.			100	100	0	
	7.				0	0	0	
	1.				0	0	0	

: 2 (:)

								()
				가				()
		1.			0	0	0	
			1.		0	0	0	
				1.	0	0	0	
					940,731	867,619	73,112	