

2017

•

(2017.12.27)

(3 )

:

3

2017-12-27

547,032,000

1

11

•

503,033,000

11

1

1

547,071,000

11

: 2017  
: 3  
:

( : )

3	547,032	503,033	43,999	8.7				
	44,181	432,777	79.1		4,987	64,364	11.7	
	0	3,528	0.6	/	-3,337	139,119	25.4	
	-570	91,008	16.6		1,120	55,616	10.1	
	388	4,694	0.8		-1,368	42,497	7.7	
	0	15,025	2.7		35,794	89,910	16.4	
					6,803	155,526	28.4	
					0	0	0.0	

:

3

( : )

									( )	
				가						
1.					436,305	392,124	44,181			
1.					432,777	388,596	44,181			
1.					432,777	388,596	44,181			
1.					432,777	388,596	44,181			
1.					192,719	192,662	57		: (157,941,000 × 1 )	-238,000
								- 158,179,000	=	
									: (34,778,000 × 1 )	295,000
								- 34,483,000	=	
2.					240,058	195,934	44,124	( )	:	390,000
								(11,238,000 × 1 ) - 10,848,000	=	
								( ) ( ) :		3,547,000
								(27,915,000 × 1 ) - 24,368,000	=	
								( )	: (3,946,000	465,000
								× 1 ) - 3,481,000	=	
								( )	: (1,400,000 × 1	420,000
								) - 980,000	=	
								( )	: (1,200,000 × 1	600,000
								) - 600,000	=	
								( )	: (78,000 ×	26,000
								1 ) - 52,000	=	
								2017	(	-7,500,000
								) : (0 × 1 ) - 7,500,000	=	
								( )2017		134,000
								: 134,000 × 1	=	
								( )		100,000
								: 100,000 × 1	=	
								: 35,000,000 × 1		35,000,000
								=		
								( )		4,942,000
								(2017.11~12 ) : 4,942,000 × 1	=	
								( )	: 2,000,000	2,000,000
								× 1	=	
								( )	:	4,000,000
								4,000,000 × 1	=	
2.					3,528	3,528	0			
1.					3,528	3,528	0			
1.					3,528	3,528	0			
1.					3,528	3,528	0			
2.					95,702	95,884	-182			
1.					91,008	91,578	-570			
1.					91,008	91,578	-570			
1.					47,766	48,336	-570			
1.					46,573	46,401	172		: -3,282,000 × 1	= -3,282,000

:

3

( : )

								( )	
				가					
								: 792,000 × 1 =	792,000
								: 2,662,000 × 1 =	2,662,000
				2.	1,193	1,935	-742	: -742,000 × 1 =	-742,000
				2.	31,290	31,290	0		
				1.	31,290	31,290	0		
				3.	341	341	0		
				1.	341	341	0		
				4.	11,611	11,611	0		
				1.	11,611	11,611	0		
				2.	4,694	4,306	388		
				1.	2,138	2,100	38		
				1.	2,138	2,100	38		
				1.	2,138	2,100	38	= : 38,000 × 1	38,000
				2.	2,556	2,206	350		
				1.	730	400	330		
				1.	730	400	330	: 330,000 × 1 =	330,000
				2.	1,826	1,806	20		
				1.	1,826	1,806	20	: -2,000 × 1 =	-2,000
								: 5,500 × 4 × 1 =	22,000
				3.	15,025	15,025	0		
				1.	15,025	15,025	0		
				1.	15,025	15,025	0		
				1.	15,025	15,025	0		
				1.	15,025	15,025	0		
					547,032	503,033	43,999		

: 3 ( : )

								( )
				가				( )
1.					64,364	59,377	4,987	
1.					61,806	55,907	5,899	
	1.				61,806	55,907	5,899	
		1.			30,948	25,872	5,076	
			1.		27,867	23,623	4,244	( ) 2,106,690 x 1 x 2 = 4,214,000
								(2,106,690 x 1 x 2 ) - 4,318,000= -104,000
								( ) 133,280 x 1 x 1 = 134,000
			2.		3,081	2,249	832	( ) 364,000 x 1 x 2 = 4 728,000
								104,000 x 1 x 1 = 104,000
		2.			24,152	24,052	100	
			1.		22,208	21,861	347	247,000 x 1 x 1 = 247,000
								( ) 100,000 x 1 x 1 = 100,000
			2.		1,944	2,191	-247	4 (202,940 x 1 x 6 ) - 1,465,000= -247,000
		3.			1,200	600	600	
			1.		1,200	600	600	( ) 50,000 x 1 x 6 = 300,000
								( ) 50,000 x 1 x 6 = 300,000
		4.			1,357	1,357	0	
			1.		1,357	1,357	0	
		5.			3,374	3,374	0	
			1.		3,374	3,374	0	
		6.			775	652	123	
			1.		775	652	123	61,500 x 2 x 1 = 123,000
	2.				2,558	3,470	-912	
		1.			2,558	3,470	-912	
			1.		919	900	19	
				1.	919	900	19	19,000 x 1 x 1 = 19,000
			2.		123	360	-237	
				1.	123	360	-237	(10,000 x 9 x 4 ) - 597,000= -237,000

: 3 ( : )

								( )
				가				( )
			3.		1,516	2,210	-694	
			1.		1,516	2,210	-694	(200,000 × 4 × 1 ) - 1,176,000= -376,000
								(600,000 × 1 × 1 ) - 700,000= -100,000
								(10,000 × 18 × 3 ) - 760,000= -220,000
								100 × 20 × 1 = 2,000
2.	/				139,119	142,456	-3,337	
	1.				55,822	62,369	-6,547	
		1.			55,822	62,369	-6,547	
			1.		6,848	6,750	98	
			1.		2,518	2,750	-232	30,000 × 2 × 1 = 60,000
				1.				가 (50,000 × 1 ) - 53,000= -3,000
								(150,000 × 3 × 1 ) - 473,000= -23,000
								(100,000 × 1 ) - 103,000= -3,000
								(50,000 × 1 ) - 100,000= -50,000
								(25,000 × 4 × 1 ) - 127,000= -27,000
								(50,000 × 4 × 2 ) - 586,000= -186,000
			2.		4,330	4,000	330	가 330,000 × 1 = 330,000
		2.			278	252	26	
			1.		26	0	26	( ) 25,880 × 1 × 1 = 26,000
			2.		252	252	0	
		3.			46,761	45,932	829	
			1.		46,761	45,932	829	( ) 465,000 × 1 × 1 = 465,000
								( ) 36,400 × 5 × 2 = 364,000
		4.			1,935	1,935	0	
			1.		1,935	1,935	0	
		5.			0	7,500	-7,500	
			1.		0	7,500	-7,500	-7,500,000 × 1 × 1 = -7,500,000
	2.				9,961	10,298	-337	

: 3 ( : )

								( )
				가				( )
		1. [ ]			8,223	8,223	0	
		1.				4,645	4,645	0
			1.		500	500	0	
			2.		2,755	2,755	0	
			3.		700	700	0	
			4.		690	690	0	
		2.				287	287	0
			1.		287	287	0	
		3.				1,790	1,790	0
			1.		1,790	1,790	0	
		4. [ ]				1,501	1,501	0
			1.		450	450	0	
			2.		1,051	1,051	0	
		2.			1,738	2,075	-337	
		1.				743	775	-32
			1.		743	775	-32	25,100 × 2 × 5 = 251,000
								(20,000 × 4 ) - 123,000= -43,000
								(120,000 × 2 ) - 480,000= -240,000
		2.				495	700	-205
			1.		495	700	-205	(350,000 × 2 ) - 905,000= -205,000
		3.				500	600	-100
			1.		500	600	-100	(100,000 × 6 ) - 700,000= -100,000
		3.			70,816	67,269	3,547	
		1.				27,915	24,368	3,547
			1.		22,767	19,792	2,975	
				1.	22,767	19,792	2,975	( ) 2,975,000 × 1 × 1 = 2,975,000
			2. ( )		5,148	4,576	572	
				1.	5,148	4,576	572	( ) 572,000 × 1 × 1 = 572,000



: 3 ( : )

								( )
				가				( )
		2.			31,290	31,290	0	
			1.		31,290	31,290	0	
				1.	31,290	31,290	0	
		3.			11,611	11,611	0	
			1.		11,611	11,611	0	
				1.	11,611	11,611	0	
	4.				2,520	2,520	0	
		1.			2,520	2,520	0	
			1.		2,520	2,520	0	
				1.	2,520	2,520	0	
3.					55,616	54,496	1,120	
	1.				47,295	44,474	2,821	
		1.			3,685	4,048	-363	
			1.		41	41	0	
				1.	41	41	0	
		2.			1,567	1,567	0	
			1.		1,567	1,567	0	
		3.			1,437	1,440	-3	
			1.		800	800	0	
			2.		637	640	-3	(80,000 × 6 - 3,000
								× 1 ) - 483,000=
		4.			640	1,000	-360	
			1.		640	1,000	-360	(50,000 × 10 × 2 ) - 1,360,000= -360,000
	2.				8,213	2,213	6,000	
		1.			6,501	501	6,000	
			1.		2,501	501	2,000	( ) 100,000 × 20 × 1 = 2,000,000
			2.		4,000	0	4,000	( ) 4,000,000 × 1 × 1 = 4,000,000
		2.			397	397	0	
			1.		397	397	0	

: 3 ( : )

								( )
				가				( )
			3.		1,315	1,315	0	
			1.		1,315	1,315	0	
		3.			1,180	1,266	-86	
		1.			165	251	-86	
		1.			165	251	-86	(15,000 × 30 × 1 ) - 536,000=- -86,000
		2.			0	0	0	
		1.			0	0	0	
		3.			715	715	0	
		1.			715	715	0	
		4.		( )	300	300	0	
		1.			300	300	0	
		4.			34,217	36,947	-2,730	
		1.			135	210	-75	
		1.			135	210	-75	(10,000 × 11 × 1 ) - 185,000=- -75,000
		2.			6,997	8,111	-1,114	
		1.			0	1,440	-1,440	(30,000 × 3 × 16 ) - 2,880,000=- -1,440,000
		2.			6,747	6,421	326	52,600 × 10 × 1 = 526,000
		3.			250	250	0	(50,000 × 1 × 4 ) - 400,000=- -200,000
		3.			360	300	60	
		1.			360	300	60	10,000 × 1 × 6 = 60,000
		4.			0	0	0	
		1.			0	0	0	
		5.			389	500	-111	
		1.			389	500	-111	(50,000 × 10 × 1 ) - 611,000=- -111,000
		6.			825	825	0	
		1.			825	825	0	
		7.			550	550	0	

: 3 ( : )

								( )
				가				( )
				1.	550	550	0	
			8.		1,000	1,000	0	
				1.	1,000	1,000	0	
			9.		1,200	1,200	0	
				1.	1,200	1,200	0	
			10.		453	1,600	-1,147	
				1.	453	1,600	-1,147	(7,000 × 11 × 10 ) - 1,417,000= -647,000
								(500,000 × 1 × 1 ) - 1,000,000= -500,000
			11.		157	500	-343	
				1.	157	500	-343	(300,000 × 1 × 1 ) - 600,000= -300,000
								(5,000 × 40 × 1 ) - 243,000= -43,000
			12.		9,540	9,540	0	
				1.	9,540	9,540	0	
			13.	( )	11,611	11,611	0	
				1.	3,330	3,330	0	
				2.	8,281	8,281	0	5,170 × 10 × 10 = 517,000
								(50,000 × 5 × 2 ) - 1,017,000= -517,000
			14.	( )	1,000	1,000	0	
				1.	100	100	0	
				2.	900	900	0	
	2.				8,321	10,022	-1,701	
		1.			1,322	2,800	-1,478	
			1.		1,322	1,500	-178	
				1.	1,322	1,500	-178	3 (250,000 × 1 × 1 ) - 328,000= -78,000
								5 (250,000 × 1 × 1 ) - 350,000= -100,000
			2.		0	1,000	-1,000	
				1.	0	1,000	-1,000	(20,000 × 10 × 5 ) - 2,000,000= -1,000,000
			3.		0	300	-300	

: 3 ( : )

								( )
				가				( )
				1.	0	300	-300	(10,000 × 30 × 1 ) - 600,000=-300,000
			2.		5,362	5,520	-158	
			1.		1,490	1,648	-158	
				1.	1,490	1,648	-158	(150,000 × 1 × 1 ) - 308,000=-158,000
			2.		3,308	3,308	0	
				1.	3,308	3,308	0	
			3.		564	564	0	
				1.	564	564	0	
			3.		1,595	1,660	-65	
			1.		1,200	1,200	0	
				1.	1,200	1,200	0	
			2.		310	310	0	
				1.	310	310	0	
			3.		85	150	-65	
				1.	85	150	-65	(50,000 × 3 × 1 ) - 215,000=-65,000
			4.		42	42	0	
				1.	42	42	0	
				1.	42	42	0	
4.					42,497	43,865	-1,368	
			1.		38,353	39,565	-1,212	
			1.		38,353	39,565	-1,212	
			1.		2,268	3,280	-1,012	
				1.	1,401	1,800	-399	-219,000 × 1 × 1 = -219,000
								-180,000 × 1 × 1 = -180,000
				2.	671	1,300	-629	(4,000 × 50 × 4 ) - 1,254,000=-454,000
								(25,000 × 10 × 2 ) - 675,000=-175,000
				3.	196	180	16	4 × 1 = 16,000 16,000
			2.		4,135	4,335	-200	

: 3 ( : )

								( )
				가				( )
				1.	3,780	3,980	-200	(30,000 × 16 × 15 ) - 7,400,000= -200,000
				2.	355	355	0	
				3. ( )	21,690	21,690	0	
				1.	11,190	11,550	-360	(30,000 × 1 × 4 × 19 ) - 2,640,000= -360,000
				2.	10,500	10,140	360	60,000 × 6 × 1 = 360,000
				4. ( )	10,260	10,260	0	
				1.	9,859	9,859	0	
				2.	401	401	0	
				2.	4,144	4,300	-156	
				1.	4,144	4,300	-156	
				1.	4,144	4,300	-156	
				1.	181	300	-119	(500 × 300 × 2 ) - 419,000= -119,000
				2.	3,963	4,000	-37	(10,000 × 200 × 2 ) - 4,037,000= -37,000
				5.	89,910	54,116	35,794	
				1.	4,531	4,617	-86	
				1.	4,531	4,617	-86	
				1.	827	912	-85	
				1.	0	0	0	
				2.	827	912	-85	(12,000 × 6 × 1 ) - 144,000= -72,000
								(6,000 × 30 × 1 ) - 193,000= -13,000
				2.	200	200	0	
				1.	120	120	0	
				2.	80	80	0	
				3.	1,460	1,460	0	
				1.	1,460	1,460	0	
				4.	1,060	1,060	0	
				1.	120	120	0	
				2.	940	940	0	

: 3 ( : )

								( )
				가				( )
			5.		135	135	0	
			1.		135	135	0	
			6.		849	850	-1	
			1.		849	850	-1	(10,000 × 10 × 4 ) - 401,000= -1,000
	2.				1,269	1,692	-423	
	1.				1,269	1,692	-423	
		1.			269	692	-423	
			1.		140	240	-100	(100,000 × 1 ) - 200,000= -100,000
			2.		129	452	-323	(300,000 × 2 ) - 923,000= -323,000
		2.			1,000	1,000	0	
			1.		1,000	1,000	0	5 × 1 = 6,000 × 1 6,000 5 × 5 × 2 ) - 266,000= (26,000 -6,000
	3.				34,000	34,000	0	
	1.				34,000	34,000	0	
		1.			1,435	1,467	-32	
			1.		1,435	1,467	-32	(10,000 × 5 × 8 ) - 464,000= -64,000 (6,000 × 27 × 2 ) - 383,000= -59,000 2 (10,000 × 1 × 10 ) - 101,000= -1,000 3 (10,000 × 1 × 10 ) - 102,000= -2,000 6 94,000 × 1 × 1 94,000 = =
		2.			3,618	3,951	-333	
			1.		1,200	1,200	0	
			2.		2,418	2,751	-333	(90,000 × 5 × 1 ) - 475,000= -25,000 가 (52,000 × 25 × 1 ) - 1,608,000= -308,000
		3.			2,656	2,825	-169	
			1.		519	848	-329	(53,000 × 16 × 1 ) - 1,177,000= -329,000
			2.		2,137	1,977	160	9,800 × 10 × 1 98,000 = 6,200 × 10 62,000 × 1 =

: 3 ( : )

								( )
				가				( )
			4.	가	25,713	24,957	756	
				1.	11,040	10,830	210	$30,000 \times 1 = 210,000$
				2.	14,673	14,127	546	$36,000$
								$\times 7 \times 1 =$
								$\times 5 \times 2 =$
								$(20,000 \times 15$
								$\times 1 ) - 385,000=$
								$(87,000 \times 5$
								$\times 4 ) - 1,765,000=$
								$(50,000 \times 1 \times 1$
								$) - 65,000=$
								$(54,000 \times 20$
								$\times 1 ) - 1,113,000=$
								$(10,000 \times 6$
								$\times 2 ) - 160,000=$
								$(15,000 \times 27$
								$\times 1 \times 1 ) - 517,000=$
								$(10,000 \times 27 \times 1 )$
								$- 355,000=$
								$50,000 \times 3$
								$\times 1 =$
								$48,900 \times 5$
								$\times 2 =$
								$(1,100 \times 35$
								$\times 1 ) - 41,000=$
								$(5,000 \times 20 \times 1$
								$) - 156,000=$
			5.		578	800	-222	
				1.	578	800	-222	$(20,000 \times 10$
								$\times 4 ) - 1,022,000=$
			4.		4,710	6,417	-1,707	
				1.	4,710	6,417	-1,707	
				1.	4,546	6,253	-1,707	
				1.	1,343	2,720	-1,377	$(220,000 \times 6 \times 1$
								$) - 1,930,000=$
								$(100,000 \times 7 \times 2$
								$) - 2,167,000=$
				2.	203	533	-330	$13,000 \times 1 \times 1 =$
								$(49,000 \times 7 \times 1 ) -$
								$686,000=$
				3.	3,000	3,000	0	
				2.	164	164	0	
				1.	164	164	0	
			5.		45,400	7,390	38,010	
				1.	45,400	7,390	38,010	

: 3 ( : )

								( )
				가				( )
			1.		10,400	7,390	3,010	
			1.		10,400	7,390	3,010	301,000 × 10 × 1 = 3,010,000
			2.		35,000	0	35,000	
			1.		9,900	0	9,900	9,900,000 × 1 × 1 = 9,900,000
			2.		25,100	0	25,100	( 가 가 ) 1,255,000 × 20 × 1 = 25,100,000
6.					155,526	148,723	6,803	
	1.				41,507	38,026	3,481	
		1.			27,335	26,879	456	
			1.		6,560	6,560	0	
			1.		3,560	3,560	0	
			2.		3,000	3,000	0	
			2.		200	200	0	
			1.		200	200	0	
			3.		276	240	36	
			1.		276	240	36	18,000 × 2 × 1 = 36,000
			4.		120	120	0	
			1.		120	120	0	
			5.		1,500	1,500	0	
			1.		1,500	1,500	0	
			6.		17,679	17,259	420	
			1.		5,479	5,479	0	
			2.		12,200	11,780	420	( ) 20,000 × 1 × 4 = 80,000
								( ) 20,000 × 1 × 17 = 340,000
			7.		1,000	1,000	0	
			1.		1,000	1,000	0	
		2.			14,172	11,147	3,025	
			1.		200	200	0	
			1.		200	200	0	



: 3 ( : )

								( )
				가				( )
			2.		5,256	1,356	3,900	
			1.		5,256	1,356	3,900	$3,900,000 \times 1 \times 1 = 3,900,000$
			3.		1,150	1,340	-190	
			1.		550	740	-190	$(20,000 \times 3 \times 4) - 430,000 = -190,000$
			2.		600	600	0	
			4.		3,425	4,190	-765	
			1.		1,200	1,200	0	
			2.		2,225	2,990	-765	$(1,495,000 \times 2) - 3,755,000 = -765,000$
			5.		180	180	0	
			1.		180	180	0	
			6.		2,761	2,681	80	
			1.		2,561	2,201	360	$300,000 \times 1 \times 1 = 300,000$
								$20,000 \times 3 = 60,000$
								$\times 1 =$
			2.		200	400	-200	$(200,000 \times 2) - 600,000 = -200,000$
			3.		0	80	-80	$(20,000 \times 4 \times 1) - 160,000 = -80,000$
			7.		200	200	0	
			1.		200	200	0	
			8.		1,000	1,000	0	
			1.		1,000	1,000	0	
		2.			111,949	108,627	3,322	
		1.			111,949	108,627	3,322	
		1.			28,485	29,772	-1,287	
			1.		20,000	20,000	0	
			2.		1,642	2,400	-758	$(200,000 \times 12) - 3,158,000 = -758,000$
			3.		1,200	0	1,200	$400,000 \times 3 = 1,200,000$
			4.		5,643	7,372	-1,729	$(180,000 \times 12) - 2,751,000 = -591,000$
								$(20,000 \times 10) - 274,000 = -74,000$
								$(17,600 \times 12) - 306,000 = -94,000$

: 3 ( : )

								( )
				가				
								(400,000 × 12 ) - 5,770,000=- -970,000
			2.		300	300	0	
			1.		300	300	0	
			3.		5,132	5,492	-360	
			1.		5,132	5,492	-360	96,000 × 1 = 96,000
								(99,000 × 1 × 12 ) - 1,320,000=- -132,000
								(500,000 × 1 × 1 ) - 824,000=- -324,000
			4.		37,665	33,086	4,579	
			1.		37,665	33,086	4,579	21,500 × 10 × 1 = 215,000
								490,250 × 2 × 2 = 1,961,000
								240,300 × 5 × 2 = 2,403,000
			5.		10,440	10,440	0	
			1.		10,440	10,440	0	
			6.		3,264	3,264	0	
			1.		3,264	3,264	0	
			7.		4,500	4,500	0	
			1.		4,500	4,500	0	71,100 × 5 × 4 = 1,422,000
								(100,000 × 5 ) - 922,000=- -422,000
								(50,000 × 5 × 4 ) - 2,000,000=- -1,000,000
			8.		8,256	8,256	0	
			1.		7,656	7,656	0	(190,100 × 5 × 2 ) - 1,918,000=- -17,000
								17,000 × 1 × 1 = 17,000
			2.		600	600	0	
			9.		11,238	10,848	390	
			1.		10,638	9,953	685	( × 1 = 390,000 × 1 390,000
								74,000 × 1 × 1 = 74,000
								79,000 × 1 × 1 = 79,000
								142,000 × 1 × 1 = 142,000

: 3 ( : )

								( )
				가				( )
			2.		600	895	-295	$\frac{4}{\times 1 \times 12} - 1,190,000 = (74,580 - 295,000)$
		10.			2,669	2,669	0	
			1.		2,669	2,669	0	
	3.				2,070	2,070	0	
		1.			1,000	1,000	0	
			1.		1,000	1,000	0	
			1.		1,000	1,000	0	
		2.			1,070	1,070	0	
			1.		370	370	0	
			1.		370	370	0	
		2.			700	700	0	
			1.		700	700	0	
7.					0	0	0	
	1.				0	0	0	
		1.			0	0	0	
			1.		0	0	0	
			1.		0	0	0	
					547,032	503,033	43,999	