

CO-ADDING Table (Engineering Units)

CO_ADDING		1							
Cluster Index		1	2	3	4	5	6	7	8
Co_Adding Factor		1	1	1	1	1	1	1	1
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		1	1	1	1	1	1	1	1
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		1	1	1	1	1	1	1	1
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		1	1	1	1	1	0	0	0
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		41	42	43	44	45	46	47	48
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		49	50	51	52	53	54	55	56
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		57	58	59	60	61	62	63	64
Co_Adding Factor		0	0	0	0	0	0	0	0

CO_ADDING		11							
Cluster Index		1	2	3	4	5	6	7	8
Co_Adding Factor		1	1	1	1	1	1	8	8
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		2	2	2	16	16	16	16	16
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		16	16	16	16	16	16	16	4
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		4	4	4	4	4	0	0	0
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		41	42	43	44	45	46	47	48
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		49	50	51	52	53	54	55	56
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		57	58	59	60	61	62	63	64
Co_Adding Factor		0	0	0	0	0	0	0	0

CO_ADDING		2							
Cluster Index		1	2	3	4	5	6	7	8
Co_Adding Factor		1	1	1	1	1	1	1	1
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		1	1	1	1	1	1	1	1
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		1	1	1	1	1	1	1	1
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		1	1	1	1	1	0	0	0
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		41	42	43	44	45	46	47	48
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		49	50	51	52	53	54	55	56
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		57	58	59	60	61	62	63	64
Co_Adding Factor		0	0	0	0	0	0	0	0

CO_ADDING		12							
Cluster Index		1	2	3	4	5	6	7	8
Co_Adding Factor		1	1	1	1	1	1	1	1
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		1	1	1	1	1	1	1	1
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		1	1	1	1	8	8	8	1
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		1	1	1	1	1	0	0	0
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		41	42	43	44	45	46	47	48
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		49	50	51	52	53	54	55	56
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		57	58	59	60	61	62	63	64
Co_Adding Factor		0	0	0	0	0	0	0	0

CO_ADDING 3

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 13

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 4

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 14

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING		5							
Cluster Index	1	2	3	4	5	6	7	8	
Co_Adding Factor	1	1	1	1	1	1	1	1	
Cluster Index	9	10	11	12	13	14	15	16	
Co_Adding Factor	1	1	1	1	1	1	1	1	
Cluster Index	17	18	19	20	21	22	23	24	
Co_Adding Factor	1	1	1	1	1	1	1	1	
Cluster Index	25	26	27	28	29	30	31	32	
Co_Adding Factor	1	1	1	1	1	0	0	0	
Cluster Index	33	34	35	36	37	38	39	40	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	41	42	43	44	45	46	47	48	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	49	50	51	52	53	54	55	56	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	57	58	59	60	61	62	63	64	
Co_Adding Factor	0	0	0	0	0	0	0	0	

CO_ADDING		15							
Cluster Index	1	2	3	4	5	6	7	8	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	9	10	11	12	13	14	15	16	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	17	18	19	20	21	22	23	24	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	25	26	27	28	29	30	31	32	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	33	34	35	36	37	38	39	40	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	41	42	43	44	45	46	47	48	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	49	50	51	52	53	54	55	56	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	57	58	59	60	61	62	63	64	
Co_Adding Factor	0	0	0	0	0	0	0	0	

CO_ADDING		6							
Cluster Index	1	2	3	4	5	6	7	8	
Co_Adding Factor	1	1	1	1	1	1	1	1	
Cluster Index	9	10	11	12	13	14	15	16	
Co_Adding Factor	1	1	1	1	1	1	1	1	
Cluster Index	17	18	19	20	21	22	23	24	
Co_Adding Factor	1	1	1	1	1	1	1	1	
Cluster Index	25	26	27	28	29	30	31	32	
Co_Adding Factor	1	1	1	1	1	0	0	0	
Cluster Index	33	34	35	36	37	38	39	40	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	41	42	43	44	45	46	47	48	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	49	50	51	52	53	54	55	56	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	57	58	59	60	61	62	63	64	
Co_Adding Factor	0	0	0	0	0	0	0	0	

CO_ADDING		16							
Cluster Index	1	2	3	4	5	6	7	8	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	9	10	11	12	13	14	15	16	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	17	18	19	20	21	22	23	24	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	25	26	27	28	29	30	31	32	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	33	34	35	36	37	38	39	40	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	41	42	43	44	45	46	47	48	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	49	50	51	52	53	54	55	56	
Co_Adding Factor	0	0	0	0	0	0	0	0	
Cluster Index	57	58	59	60	61	62	63	64	
Co_Adding Factor	0	0	0	0	0	0	0	0	

CO_ADDING		7							
Cluster Index		1	2	3	4	5	6	7	8
Co_Adding Factor		1	1	1	1	1	1	1	1
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		1	1	1	3	3	3	3	3
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		3	6	6	6	3	3	3	1
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		1	1	1	1	1	0	0	0
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		41	42	43	44	45	46	47	48
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		49	50	51	52	53	54	55	56
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		57	58	59	60	61	62	63	64
Co_Adding Factor		0	0	0	0	0	0	0	0

CO_ADDING		17							
Cluster Index		1	2	3	4	5	6	7	8
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		41	42	43	44	45	46	47	48
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		49	50	51	52	53	54	55	56
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		57	58	59	60	61	62	63	64
Co_Adding Factor		0	0	0	0	0	0	0	0

CO_ADDING		8							
Cluster Index		1	2	3	4	5	6	7	8
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		41	42	43	44	45	46	47	48
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		49	50	51	52	53	54	55	56
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		57	58	59	60	61	62	63	64
Co_Adding Factor		0	0	0	0	0	0	0	0

CO_ADDING		18							
Cluster Index		1	2	3	4	5	6	7	8
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		41	42	43	44	45	46	47	48
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		49	50	51	52	53	54	55	56
Co_Adding Factor		0	0	0	0	0	0	0	0
Cluster Index		57	58	59	60	61	62	63	64
Co_Adding Factor		0	0	0	0	0	0	0	0

CO_ADDING

9

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING

19

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING

10

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING

20

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 21

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 22

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 31

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	8	8	8	8	8	8	8	8
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	8	8	8	8	8	8	8	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	8	8	8	8	8	8	8	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	8	8	8	8	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 32

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	2
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	2	2	1	1	1	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 23

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 33

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 24

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 34

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 25

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	8	8	1	8	1	8	1	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	1	1	8	1	8	1	8
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	4	1	1	4	1	4	1	4
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	4	1	4	1	4	1	4	1
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	1	4	1	1	1	1	1	1
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 26

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	4
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	4	4	2	1	1	1	1	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	8	8	1	8	2	8	2	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	2	2	8	2	8	2	8
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	8	2	2	8	2	8	2	8
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	8	2	8	2	8	2	8	2
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	2	8	2	2	2	1	1	1
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 35

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	4	4	4	4	4	4	4	4
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	4	4	4	4	4	4	4	4
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	4	4	4	4	4	4	4	4
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	4	4	4	4	4	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 36

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 27

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	4
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	4	4	1	1	1	1	1	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	8	8	2	8	2	8	2	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	2	2	8	2	8	2	8
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	8	2	2	8	2	8	2	8
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	8	2	8	2	8	2	8	2
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	2	8	2	2	2	2	2	2
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 28

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 37

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 38

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 29

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 39

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	8	8	8	8	8	8	8	8
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	8	8	8	8	8	8	8	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	8	8	8	8	8	8	8	4
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	4	4	4	4	4	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 30

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 40

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	2	2	2	2	2	2	2	2
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	2	2	2	2	2	2	2	2
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	2	2	2	2	2	2	2	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 41

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 51

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 42

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 52

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 43

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	8	8	8	8	8	8	8	8
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	8	8	8	8	8	8	8	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	8	8	8	8	8	8	8	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	8	8	8	8	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 53

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	2	2
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	2	2	2	32	32	32	64	64
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	64	16	16	16	16	16	16	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	8	32	32	32	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 44

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	2	2	2	2	2	2	2	2
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	2	2	2	2	2	2	2	2
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	2	2	2	2	2	2	2	2
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	2	2	2	2	2	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 54

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 45

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 46

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 55

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	5	5
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	5	5	5	40	40	40	20	20
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	20	40	40	40	40	40	40	40
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	40	40	40	40	40	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 56

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 47

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	1	1	1	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 48

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 57

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	8	20	20	20	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 58

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 49

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	1	2	2	2	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 50

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	1	1	1	2	2	2	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	8	40	40	40	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 59

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	1	1	1
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	1	1	1	1	2	2
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	2	2	2	2	4	4	4	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	8	20	20	20	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 60

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 61

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 62

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 63

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 64

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 65

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 66

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 67

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 68

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 69

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0

CO_ADDING 70

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	49	50	51	52	53	54	55	56
Co_Adding Factor	0	0	0	0	0	0	0	0
Cluster Index	57	58	59	60	61	62	63	64
Co_Adding Factor	0	0	0	0	0	0	0	0