

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

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	2	4	4	4	4
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	4	4	24	24	6	24
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	24	24	24	6	24	24	4	4
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	4	4	24	24	6	24	24
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	4	4	1	4	4	4	1	4
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	2	4	4	4	4
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	4	4	8	8	2	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	8	8	8	2	8	8	4	4
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	1	4	4	8	8	2	8	8
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	4	4	1	4	4	4	1	4
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	2	4	4	4	4
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		1	1	4	4	8	8	2	8
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		8	8	8	2	8	8	4	4
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		1	4	4	8	8	2	8	8
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		4	4	1	4	4	4	1	4
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	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		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	4	4	8	8
Cluster Index		9	10	11	12	13	14	15	16
Co_Adding Factor		2	1	4	4	24	24	6	24
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		24	24	24	6	24	24	4	4
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		1	4	4	4	4	1	4	4
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		4	4	1	4	4	4	1	4
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		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	16	16	16	16
Cluster Index		17	18	19	20	21	22	23	24
Co_Adding Factor		16	16	16	16	16	16	8	8
Cluster Index		25	26	27	28	29	30	31	32
Co_Adding Factor		8	8	8	16	16	16	16	16
Cluster Index		33	34	35	36	37	38	39	40
Co_Adding Factor		4	4	4	4	4	2	2	2
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	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	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	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 21

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	2	2	2
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	2	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	8	1	8	8	4	4	4	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	4	1	4	8	2	8	1	8
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	8	1	8	1	8	8	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	16	16	16	16
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	16	8	8	8	8	8	8	8
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	8	8	16	16	16	16	16
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	8	8	8	8	8	8	8	8
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 22

Cluster Index	1	2	3	4	5	6	7	8
Co_Adding Factor	1	1	1	1	1	2	2	2
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	2	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	8	1	8	8	4	4	4	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	4	1	4	8	2	8	1	8
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	8	1	8	1	8	8	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 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	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	2	2	2
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	1	1	1	1	1	2	2	2
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	2	2	2
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	2	8	8	1	1	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	8	8	8	8	8	8	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	1	8	8	4	4	4	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	4	1	4	8	2	8	1	8
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	8	1	8	1	8	8	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	2	2	2
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	2	8	8	1	1	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	8	8	8	8	8	8	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	1	8	8	4	4	4	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	4	1	4	8	2	8	1	8
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	8	1	8	1	8	8	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	2	2	2
Cluster Index	9	10	11	12	13	14	15	16
Co_Adding Factor	1	1	2	8	8	1	1	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	1	8	8	8	8	8	8	1
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	8	1	8	8	4	4	4	1
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	4	1	4	8	2	8	1	8
Cluster Index	41	42	43	44	45	46	47	48
Co_Adding Factor	1	8	1	8	1	8	8	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 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	8	8	8	8
Cluster Index	17	18	19	20	21	22	23	24
Co_Adding Factor	8	4	4	4	4	4	4	4
Cluster Index	25	26	27	28	29	30	31	32
Co_Adding Factor	4	4	4	8	8	8	8	8
Cluster Index	33	34	35	36	37	38	39	40
Co_Adding Factor	4	4	4	4	4	4	4	4
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 26

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