Redistribution configuration	Communication steps	Nearly square		1 Dimensional		Skewed-rectangle	
		Copy	Send/Recv	Copy	Send/Recv	Copy	Send/Recv
(2, 4)	2	2	2	2	2	2	2
(4, 6)	3	3	9	4	8	3	9
(4, 8)	2	2	6	4	4	2	6
(6, 9)	3	6	12	6	12	3	15
(8, 16)	2	8	8	8	8	4	12
(9, 12)	4	6	30	9	27	3	33
(12, 16)	4	12	36	12	36	12	36
(16, 20)	5	10	70	16	64	16	64
(20, 25)	5	20	80	20	80	5	95
(25, 30)	6	15	135	25	125	4	146
(25, 40)	8	7	193	20	180	25	175
(30, 36)	6	30	150	30	150	15	525
(36, 48)	4	12	132	36	108	36	108
(4, 20)	10, 5 (skewed)	2	38	4	36	2	18
(8, 40)	10, 5 (skewed)	8	72	8	72	4	36
(8, 50)	25	8	192	8	192	8	192