

size	work/init		send	comput	Total	Speedup	Efficiency
1080	10	8.731232	0.710662	0.3503104	9.792204	0.230074	0.023007394
1080	9	8.152476	0.6994736	0.3458936	9.197843	0.244941	0.027215692
1080	6	6.363522	0.5840462	0.3297368	7.277305	0.309583	0.051597192
1080	4	2.73395	0.4388228	0.4574428	3.630216	0.620605	0.155151322
1080	2	1.267808	0.3140208	0.8368276	2.418656	0.93148	0.465740194
1080	1	0.64229683	0.1677075	1.44292667	2.252931		

size	work/init		send	comput	Total	Speedup	Efficiency
2160	10	8.730098	2.315186	1.093092	12.13838	0.957871	0.095787056
2160	9	8.195886	1.951856	1.205698	11.35344	1.024094	0.113788254
2160	6	6.031744	1.601008	1.776562	9.409314	1.23569	0.205948294
2160	4	2.60656	1.177736	2.624506	6.408802	1.814223	0.453555633
2160	2	1.352568	0.7476378	5.121188	7.221394	1.610076	0.805038011
2160	1	0.63766	0.64874967	10.3405833	11.626993		

size	work/init		send	comput	Total	Speedup	Efficiency
3240	10	8.913714	4.825018	3.538796	17.27753	2.095849	0.209584895
3240	9	8.217716	4.121462	3.863626	16.2028	2.234866	0.248318397
3240	6	5.750586	3.325986	5.729802	14.80637	2.445642	0.407606986
3240	4	2.789948	2.442788	8.545516	13.77825	2.628134	0.657033433
3240	2	1.331946	1.43153	16.95338	19.71686	1.836555	0.918277459
3240	1	0.65021717	1.484805	34.0760667	36.2110888		

size	work/init		send	comput	Total	Speedup	Efficiency
4620	10	9.119652	9.855954	9.876194	28.8518	3.51126	0.351126016
4620	9	7.87211	8.372176	10.93952	27.18381	3.726711	0.414078948
4620	6	6.068102	6.603576	16.38474	29.05642	3.486534	0.581088924
4620	4	2.860918	4.857998	24.59198	32.3109	3.135356	0.783839111
4620	2	1.33294	2.685364	48.80592	52.82422	1.917798	0.958898857
4620	1	0.66758267	3.03662667	97.6019667	101.306176		

size	work/init		send	comput	Total	Speedup	Efficiency
6240	10	10.273024	17.9452	24.05452	52.27274	4.698223	0.469822266
6240	9	13.603654	15.18972	26.99932	55.79269	4.401813	0.489090302
6240	6	6.524916	12.057	39.98924	58.57116	4.193002	0.698833712
6240	4	3.02715	8.814734	59.81616	71.65804	3.427235	0.856808867
6340	2	1.594124	4.644966	120.1312	126.3703	1.943408	0.971703832
6240	1	0.68210683	5.55205	239.354833	245.58899		

size	work/init		send	comput	Total	SpeedUp	Efficiency
1080	2	1.267808	0.3140208	0.8368276	2.4186564	0.93148039	0.465740194
2160	2	1.352568	0.7476378	5.121188	7.2213938	1.61007602	0.805038011
3240	2	1.331946	1.43153	16.95338	19.716856	1.83655492	0.918277459
4620	2	1.33294	2.685364	48.80592	52.824224	1.91779771	0.958898857
6340	2	1.594124	4.644966	120.1312	126.37029	1.94340766	0.971703832

size	work/init		send	comput	Total	SpeedUp	Efficiency
1080	4	2.73395	0.4388228	0.4574428	3.6302156	0.62060529	0.155151322
2160	4	2.60656	1.177736	2.624506	6.408802	1.81422253	0.453555633
3240	4	2.789948	2.442788	8.545516	13.778252	2.62813373	0.657033433
4620	4	2.860918	4.857998	24.59198	32.310896	3.13535644	0.783839111
6240	4	3.02715	8.814734	59.81616	71.658044	3.42723547	0.856808867

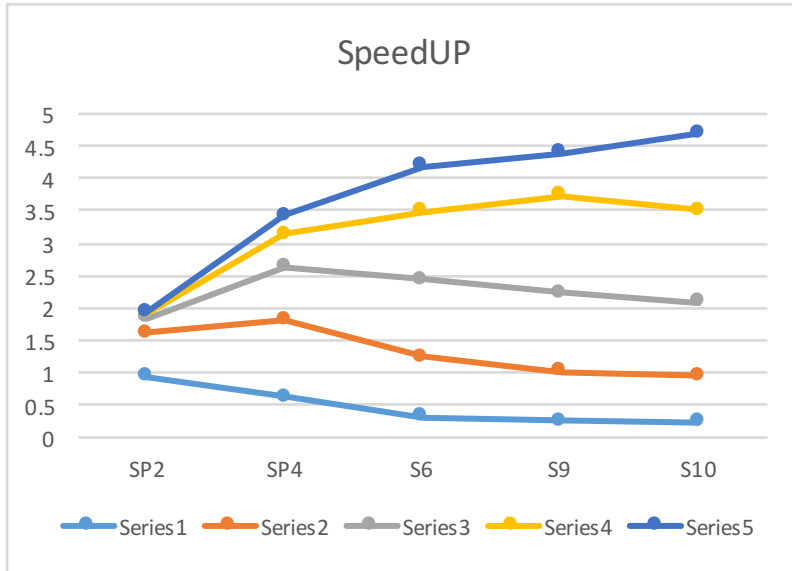
size	work/init		send	comput	Total	SpeedUp	Efficiency
1080	6	6.363522	0.5840462	0.3297368	7.277305	0.30958315	0.051597192
2160	6	6.031744	1.601008	1.776562	9.409314	1.23568976	0.205948294
3240	6	5.750586	3.325986	5.729802	14.806374	2.44564191	0.407606986
4620	6	6.068102	6.603576	16.38474	29.056418	3.48653354	0.581088924
6240	6	6.524916	12.057	39.98924	58.571156	4.19300227	0.698833712

size	work/init		send	comput	Total	SpeedUp	Efficiency
1080	9	8.152476	0.6994736	0.3458936	9.1978432	0.24494123	0.027215692
2160	9	8.195886	1.951856	1.205698	11.35344	1.02409428	0.113788254
3240	9	8.217716	4.121462	3.863626	16.202804	2.23486557	0.248318397
4620	9	7.87211	8.372176	10.93952	27.183806	3.72671053	0.414078948
6240	9	13.603654	15.18972	26.99932	55.792694	4.40181272	0.489090302

size	work/init		send	comput	Total	SpeedUp	Efficiency
1080	10	8.731232	0.710662	0.3503104	9.7922044	0.23007394	0.023007394
2160	10	8.730098	2.315186	1.093092	12.138376	0.95787056	0.095787056
3240	10	8.913714	4.825018	3.538796	17.277528	2.09584895	0.209584895
4620	10	9.119652	9.855954	9.876194	28.8518	3.51126016	0.351126016
6240	10	10.273024	17.9452	24.05452	52.272744	4.69822266	0.469822266

SpeedUp for each Worker

	SP2	SP4	S6	S9	S10	size
1	0.93148039	0.62060529	0.30958315	0.24494123	0.23007394	1080
2	1.61007602	1.81422253	1.23568976	1.02409428	0.95787056	2160
3	1.83655492	2.62813373	2.44564191	2.23486557	2.09584895	3240
4	1.91779771	3.13535644	3.48653354	3.72671053	3.51126016	4620
5	1.94340766	3.42723547	4.19300227	4.40181272	4.69822266	6240



Efficiency for each workers

	E2	E4	E6	E9	E10	size
1	0.46574019	0.15515132	0.05159719	0.02721569	0.02300739	1080
2	0.80503801	0.45355563	0.20594829	0.11378825	0.09578706	2160
3	0.91827746	0.65703343	0.40760699	0.2483184	0.2095849	3240
4	0.95889886	0.78383911	0.58108892	0.41407895	0.35112602	4620
5	0.97170383	0.85680887	0.69883371	0.4890903	0.46982227	6240

