Timing of mathematical operations in c++

Me

1 Addition

Type	Mean	std.	Min	Max
uint8	7.92404	0.957962	7.30084	12.9274
uint16	7.726	0.859014	7.20983	13.3854
uint32	7.79258	0.875551	7.21218	13.0766
uint64	7.93948	0.974503	7.22611	12.5529
int8	7.76618	0.778543	7.42488	13.217
int16	7.19382	0.155	7.14854	9.21047
int32	7.26232	0.193361	7.2077	9.72167
int64	7.82006	0.799061	7.21313	11.343
float	7.81646	0.931028	7.34519	11.9965
double	7.67797	0.688541	7.34253	12.2022
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2 Subtaction

Type	Mean	std.	Min	Max
uint8	7.81496	0.838559	7.30107	12.515
uint16	7.90491	0.859865	7.21171	12.3297
uint32	7.79869	0.916614	7.21171	12.1524
uint64	7.84702	0.787659	7.21804	12.0886
int8	7.69407	0.834683	7.21313	12.5636
int16	7.19168	0.142988	7.14453	8.27578
int32	7.32657	0.291169	7.23756	10.4006
int64	7.59703	0.669953	7.20823	11.0254
float	7.61512	0.626821	7.34396	12.8803
double	7.93628	0.987914	7.34982	12.2676
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3 Multiplication

Type	Mean	std.	Min	Max
uint8	8.03295	0.974316	7.44391	13.7358
uint16	8.03172	0.978567	7.23303	12.9309
uint32	7.79785	0.869317	7.23348	13.2212
uint64	7.59273	0.63508	7.23823	11.0169
int8	7.30097	0.363856	7.16504	10.3423
int16	7.26379	0.375972	7.16541	10.9719
int32	7.29467	0.202907	7.2381	9.77853
int64	7.48561	0.559053	7.22839	10.8626
float	7.83223	0.895867	7.3376	12.0805
double	7.73873	0.831981	7.34687	13.2871
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4 Division

7	Type	Mean	std.	Min	Max
	uint8	7.85434	0.88741	7.23544	12.7395
∥ เ	uint 16	8.08615	0.987631	7.2752	13.2497
∥ เ	uint32	7.92732	0.853953	7.36189	12.7687
∥ เ	uint64	8.97897	0.679389	8.64977	13.5791
	int8	7.52488	0.357392	7.32295	11.7562
	int16	7.47414	0.270988	7.36676	10.2884
	int32	7.48787	0.237242	7.42713	9.70967
	int64	10.3157	1.00707	9.43801	15.0331
	float	7.56243	0.547607	7.36224	11.0327
d	louble	7.5042	0.516069	7.31042	12.1777
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5 Square root

Type	Mean	std.	Min	Max
uint8	14.7942	1.30209	13.8375	21.2509
uint16	15.382	1.39151	14.2697	23.1754
uint32	15.6313	1.40694	14.3727	21.2672
uint64	21.1197	1.43825	20.21	28.5081
lint8	14.7054	0.367881	14.5574	17.9251
int16	14.2359	0.421482	13.9544	17.7087
int32	14.1597	0.498062	13.9572	18.1582
int64	15.0165	1.2713	13.9521	21.3137
float	12.2043	0.476455	12.0386	17.6197
double	11.4086	1.08002	10.7561	15.6277
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