

Comparing Types							
		Type Trials for (Size = 128, Iterations = 10^6)					
		float	double	int8_t	int16_t	int32_t	int64_t
	Mean Time per Coordinate	0.004178	0.004171	0.004163	0.004167	0.004177	0.004169
		0.004178	0.004224	0.004193	0.004259	0.004246	0.004238
		0.004181	0.004268	0.004224	0.004253	0.004249	0.004232
		0.004236	0.004245	0.004247	0.004239	0.004251	0.004356
		0.004221	0.004245	0.00422	0.00424	0.004243	0.004239
		0.004273	0.004181	0.004213	0.004299	0.004136	0.004233
	Average	0.004211	0.004222	0.004210	0.004243	0.004217	0.004245
			These values don't seem significantly different, perhaps because of my implementation or perhaps the program doesn't experience these values very differently.				