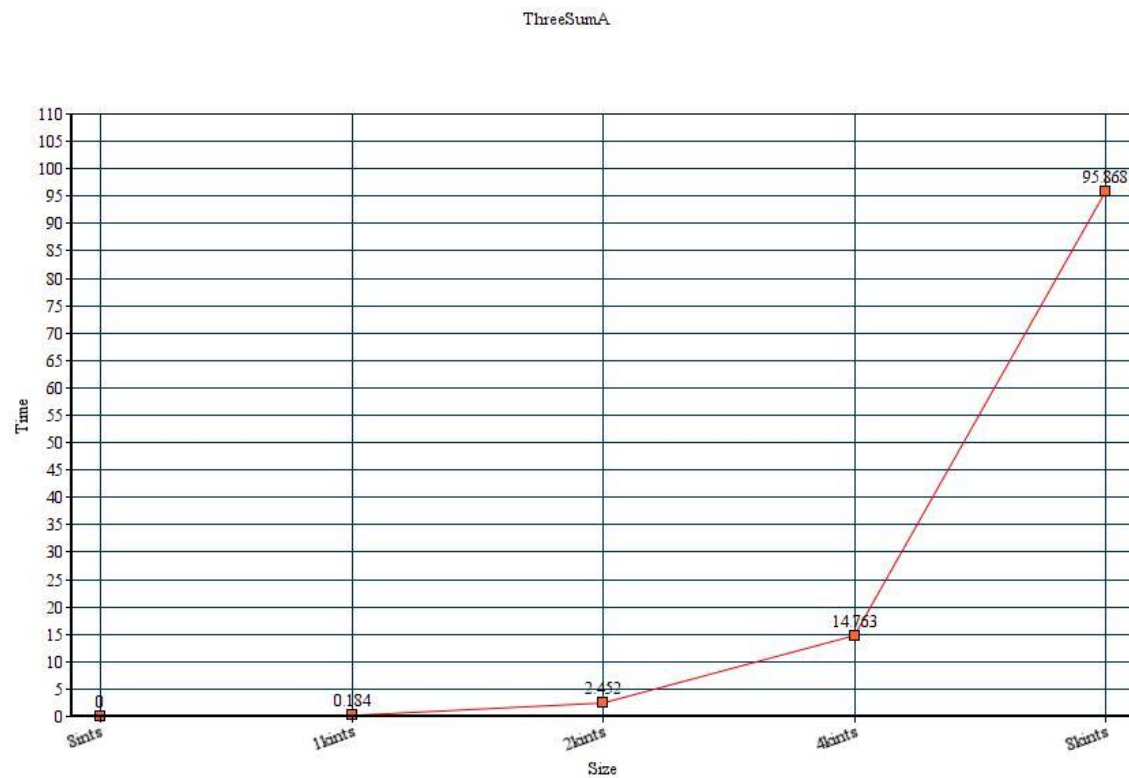


# Practical 1

## ThreeSumA

Algorithm	Input	Time	Number of triples
ThreeSumA	8ints.txt	0.0	4
	1kints.txt	0.184	70
	2kints.txt	2.452	528
	4kints.txt	14.763	4039
	8kints.txt	95.868	30274

## Chart

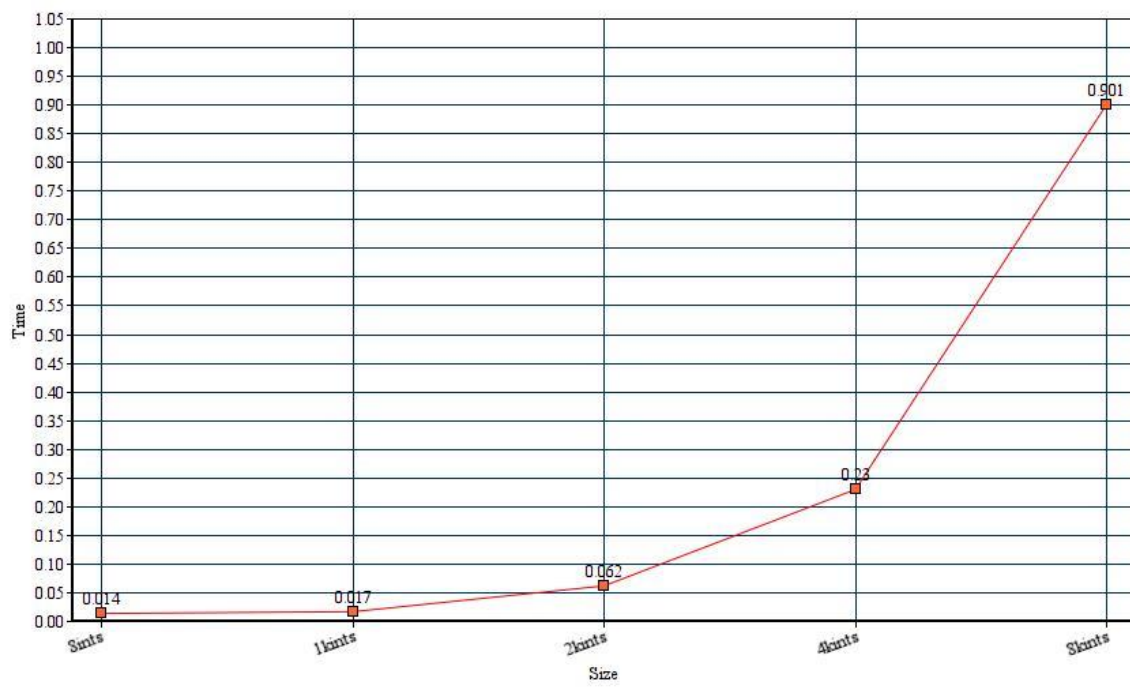


## ThreeSumB

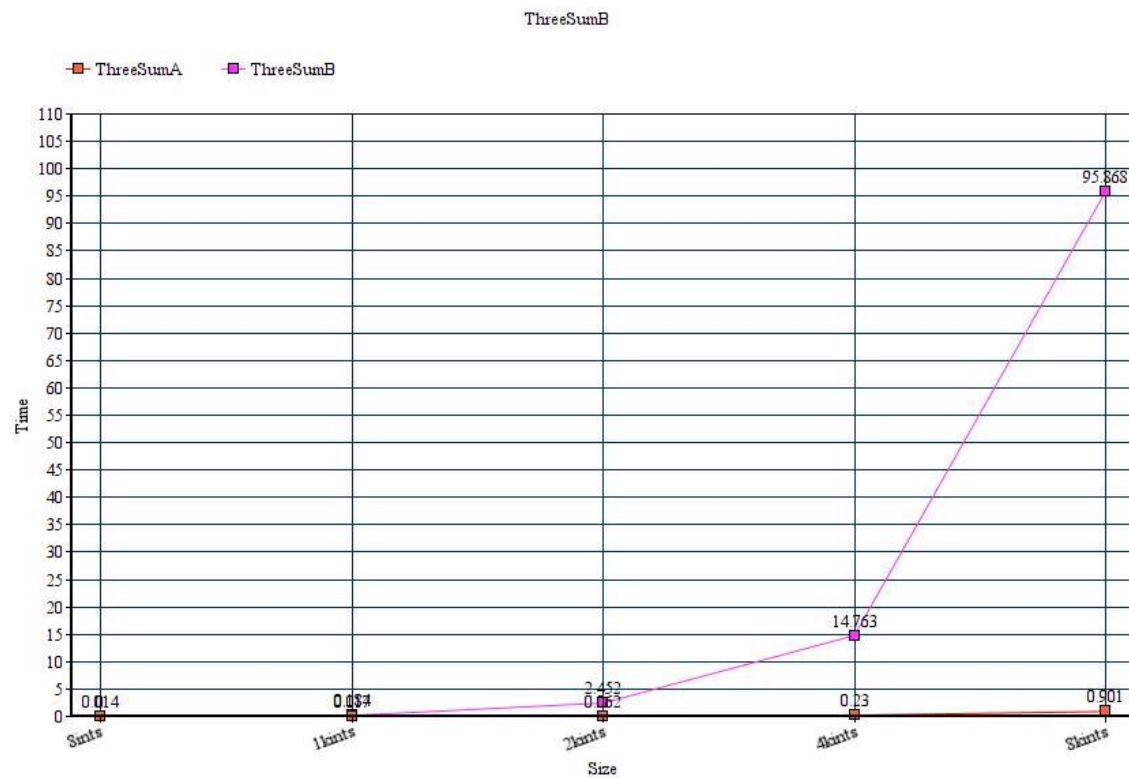
Algorithm	Input	Time	Number of triples
ThreeSumB	8ints.txt	0.014	4
	1kints.txt	0.017	70
	2kints.txt	0.062	528
	4kints.txt	0.23	4039
	8kints.txt	0.901	30274

## Chart

ThreeSumB



## Comparison



## Questions

1. As you can see, ThreeSumB performs immensely better. Approximately 100 times faster.
2. ThreeSumB seems faster as it doesn't count duplicates and ignores integer overflow.