Topic	*Algorithm*	*Work*	*Time*	*Notes*
Prefix Sums				
	optimal	n	logn	EREW
Assumed algos				
	Prefix sums	n	(logn)/loglogn	for integers from 1 to n arbitrary CRCW
		n	loglogn expected	no restriction on values arbitrary CRCW
	Sorting	nlogn	logn	general sorting; CREW
	Finding the max	n	loglogn	CRCW
Cycle 3-coloring				
	basic coloring	n	1	reduces the max color by a logn factor
	3 coloring using basic	nlog*n	log*n	iterative color improvement
	optimal 3-coloring	n	logn	uses specialized sorting: for integers in range 1 to logn, sort in W:n, T:logn
List Ranking				
	Pointer jumping	nlogn	logn	EREW, Straight forward pointer jumping Also finding tree node depths
	simple opt LR	n	logn loglogn	Uses the cycle 3 coloring
	expected opt LR	n	logn with high prob.	Uses CRCW prefix sums for numbers in the range 0 to logn
	fastest opt LR	n	log n	faster indep set construction did not cover - we will assume