

# Problem A:

## Learning Arithmetic Operations from Gate-Level Circuit

Ranking	Test01				Test02				Test03				Test04				Test05			
	output	cost	red_rate	score	output	cost	red_rate	score	output	cost	red_rate	score	output	cost	red_rate	score	output	cost	red_rate	score
1	Pass	2	96.9%	1	Pass	2	97.5%	1	Pass	3	99.3%	1	Pass	9	99.9%	1	Pass	6	99.7%	1
2	Fail	-	-	0	Fail	-	-	0	Pass	332	26.7%	0	Pass	10	99.9%	0.9	Pass	1446	16.1%	0
3									Pass	453	0.0%	0	Pass	12	99.9%	0.8	Pass	1724	0.0%	0
4									Fail	-	-	0	Pass	8196	0.0%	0	Fail	-	-	0
5													Fail	-	-	0				

Ranking	Test06				Test07				Test08				Test09				Test10			
	output	cost	red_rate	score	output	cost	red_rate	score	output	cost	red_rate	score	output	cost	red_rate	score	output	cost	red_rate	score
1	Pass	3	99.9%	1	Pass	9	99.7%	1	Pass	6	99.8%	1	Pass	6622	17.1%	0	Pass	4	99.9%	1
2	Pass	3861	27.3%	0	Pass	2961	0.0%	0	Pass	3302	0.0%	0	Pass	7988	0.0%	0	Pass	6	99.8%	0.7
3	Pass	5310	0.0%	0	Fail	-	-	0	Fail	-	-	0	Fail	-	-	0	Pass	2549	15.8%	0
4	Fail	-	-	0													Pass	3029	0.0%	0
5																	Fail	-	-	0

