ADD THE BINARY NUMBERS.
1 + 1 MAKES 10: WRITE 0 AND CARRY 1.

8	4	2	1
		1	0
+ 1	0	0	1

8	4	2	1
1	0	0	0
+	1	0	1

8	4	2	1
1	1	0	0
+		1	0

8	4	2	1
	1	1	1
+			1

8	4	2	1
		1	1
+		1	1

8	4	2	1
	1	1	0
+		1	1

8	4	2	1
			1
+ 1	0	1	1

8	4	2	1
1	0	1	0
+			1

8	4	2	1
	1	1	1
+		1	0

8	4	2	1
1	0	0	0
+		1	1

8	4	2	1
		1	1
+ 1	0	0	1

8	4	2	1
	1	0	1
+ 1	0	1	0