Name	:					

Computer Science Brain Teaser

- a.) ON
- b.) OFF
- c.) TRUE
- d.) FALSE

2. The binary digit, 1 means what? (choose all the apply)

- a.) ON
- b.) OFF
- c.) TRUE
- d.) FALSE

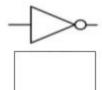
3. Which logic gate has the truth table shown below?

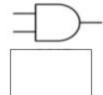
А	В	Х
0	0	0
1	0	0
0	1	0
1	1	1

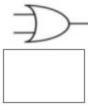
۵)	Α	NI	\Box	~	at	-Δ
<i>~</i> 1	A	IVI		(1)	'nІ	\leftarrow

c) NOT gate

4. Name that logic gate!







3. What is a computer program most like?

- a.) a newspaper
- b.) a recipe
- c.) a venus flytrap

4. What replaced the Vacuum Tube as a main component of computer hardware?					
a.) the ENIAC	b.) Lightbot				
c.) Transistor	d.) an LED				
5. Fill in the bla	anks.				
Example of Computer Hardware:					
Example of Computer Software:					

Convert the numbers:

Decimal #	\longleftrightarrow	Binary #
1	=	?
3	=	?
?	=	101
7	=	?