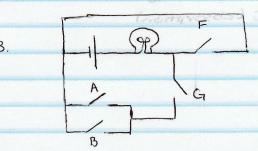
Feb
$$(3/2023)^{1/4}$$
 Boolean Algebra Practice Situation as the state of the state

c)
$$\overline{A} + C + AB$$
 (5000) $\overline{A} = \overline{A}B + \overline{A}AC$ (A+50) $\overline{A} = \overline{A}B + \overline{A}AC$ $\overline{A} = \overline{A}B + \overline{A}B$ $\overline{A} = \overline{A}B$

2.	A	В	c	AB	6. 30 × + (AB + C	5. (4 + 50 + 4 + 5
	١	ı	1	noingroe	= 00 (a)	1	(roitgiosela) y =
		1			1	Table of the same	
	1	0	1	0	(3+0) 8	0	7. (x+x)
		0	-		$(\overline{x}) =$	l	(1) =
	0	1	1	0	000 =	0	0 =
	0	1	0	0	l	1	
	0	0	1	0 (5)	01 Jan 101	0	9. w. + (wxyz)
	0	0	0	+ 0+ 3	+ 50) 55 =	1 (110	itgroads) w =



$$4. \alpha) \overline{A}(B+A)$$

$$= \overline{A}B + \overline{A}A$$

$$= \overline{A}B + 0$$

$$= AB + O$$
$$= \overline{A}B$$

Andy 2hang

Boolean Algebra Practice (continued)

4. c)
$$ABC + ABC + ABC$$

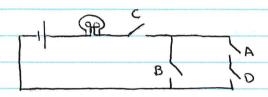
$$= AB(C+C) + ABC$$

$$= AB(I) + ABC$$

$$= B + CO$$

5.

= AB + ABC



= B

$$6.\overline{(A+B)}(B+C)$$

$$= \overline{(A+B)} + \overline{(B+C)}$$

$$= \overline{(A+B)} + \overline{(B+C)}$$

$$= \overline{(A+B)} + \overline{(B+C)}$$

$$= \overline{AB} + \overline{BC}$$

$$= \overline{AB} + \overline{BC}$$

$$= AB + BC$$

$$8. (A+\overline{C})(\overline{A+B})$$

$$= (\overline{A+C}) + (\overline{A+B})$$

$$= (\overline{A+C}) + (\overline{A+B})$$

$$= (\overline{A+C}) + A + \overline{B}$$

$$= \overline{A+C} + A + \overline{B}$$

$$= \overline{A+C} + A + \overline{B}$$

$$= \overline{A+C} + A + \overline{B}$$

$$= A + B + \overline{B}C$$

$$= A + B + \overline{B}C$$

$$= A + B + BC$$

$$9. \overline{(A+B)}(B+C)$$

$$= \overline{(A+B)} + \overline{(B+C)}$$

$$= A+B+\overline{(B+C)}$$

$$= A+B+B\overline{C}$$

$$= A+B+B\overline{C}$$