1. A machine with 4.2 GHz clock rate. What is its clock eyele time? \* \*

2. Program Phas 12 × 10" instructions. A 4642 machine has an average CPI of 2. What is the expected eputime?

use a truth table to prove the two circuits are equivalent.

A	)-	AB D JAND	XO AB		A-F	-Do-3		$\overline{A} + \overline{B}$
	A	B	AB	5	afQ .	Negat	ive or	
<u> </u>	0_	d			A	R	A+B	
	0		SETUDIOS N	=	0	0	l.	
	1	0	L j		101		1	A
	1-1		0	(g = 1 - 1)	1-4	0		

