1. a)
$$(H \wedge W) \wedge \overline{S}$$

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e) equivalent	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
f) not equiv.	7 7 7 7 7 7	PA (91r) (PA9) Ar	9 V Pa(qvr) (729) vr
		F	$\begin{bmatrix} 1 \\ 7 \end{bmatrix}$
	T = F F		F
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g) equivalent] > P (9 p19	PAG P G P	
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	7 F F T T	T T T T T T T T T T T T T T T T T T T	
	T F F	FFF	