$= y \vee z \vee (\bar{z} \wedge \bar{y})$

commutativity

$= y \vee (\bar{z} \wedge \bar{y}) \vee z$

(1) $U = y, V = \bar{z}$

$= (y \vee \bar{z}) \vee z$

$= y \vee \bar{z} \vee z$

$= y \vee 1$

* $= 1$

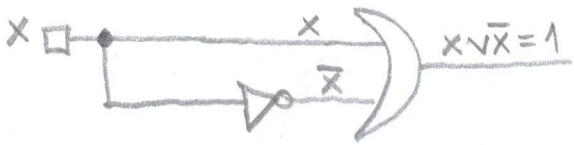
ABSORPTION LAWS

$U \wedge (U \vee V) \equiv U$

$U \vee (U \wedge V) \equiv U$

$U \vee (\bar{U} \wedge V) = (U \vee \bar{U}) \wedge (U \vee V)$

$= 1 \vee V$ (1)



* If we obtained something such as $xy \vee \bar{x}yz \vee \bar{z}$ (i.e not something constant) ⇒ we need to make sure it is indeed simplest form

(try out 1.3, 1.8)