

1) Find the truth table for the statement  $(p \wedge q) \wedge \neg p$

$p$	$q$	$\neg p$	$p \wedge q$	$(p \wedge q) \wedge \neg p$
T	T	F	T	F
T	F	F	F	F
F	T	T	F	F
F	F	T	F	F

2) Shade the region of the Venn Diagram below that illustrates  $\{x \mid (x \in A \wedge x \in B) \vee x \in C\}$ .

