

## Truth Tables

Complete the following truth table.

P	Q	R	$P \wedge R$	$\sim Q$	$Q \vee R$	$P \wedge \sim Q$
T	T	T				
T	T	F				
T	F	T				
T	F	F				
F	T	T				
F	T	F				
F	F	T				
F	F	F				

Do the following compound propositions form a consistent system?  $P \wedge R$ ,  $\sim Q$ ,  $Q \vee R$ ,  $P \wedge \sim Q$

Answer:

Complete the following truth table.

P	Q	R	$P \vee R$	$\sim Q$	$P \wedge Q$	$\sim Q \vee R$

Do the following compound propositions form a consistent system?  $P \vee R$ ,  $\sim Q$ ,  $P \wedge Q$ ,  $\sim Q \vee R$

Answer: