

1. Consider the following wff:

$$p \Rightarrow \neg (q \Rightarrow r \vee s)$$

a. Convert this to CNF.

b. Convert the result of part a to the normal form with implications but no negations.

2. Convert the following DNF formula to a logically equivalent formula in CNF.

$$\neg p \wedge q \vee r \wedge \neg s \wedge t \wedge u$$