Problem 3. Consider the following argument:
“The government obtains an injunction and the military will be sent into the mills. If the military is not sent into the mills, then the strike is settled. The strike is either settled or looting will begin. Looting does not begin. Therefore, the strike is settled.”

Assuming you agree with the first four premisses, must you accept the conclusion? Justify your answer.

Problem 4. Assume $P$, $Q$, and $R$ are statements. Find the truth table for each of the following statements.

(a) $(R \leftrightarrow P) \rightarrow ((\neg P) \lor R)$

(b) $(Q \land R) \rightarrow (P \rightarrow (Q \lor (\neg R)))$