

Curves and Surfaces, MTH201

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7. Now that you have verified many simple boolean equations using truth tables, try to use various combinations of them to simplify the following boolean expressions: a) $(\neg P \vee \neg Q) \wedge (\neg P \vee Q)$ b) $\neg P \wedge \neg(P \vee Q)$
8. During the lecture we discussed a method to derive a boolean expression from its truth table, by looking at the rows whose output is T . Can you come up with an analogous method that involves looking at the rows whose output is F ?