

CPSC 101A, Spring 2004

Homework 1

Due: March 15, 2004

1. Derive a logical expression corresponding to the question mark columns and simplify the logical expression. Your final expression should have at most one *not* operator, at most two *and*, at most one *or* operators.

p	q	r	?	?	?
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F	F	F	F	F	F
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F	F	T	F	T	T
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F	T	F	F	T	F
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F	T	T	F	T	F
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T	F	F	F	F	F
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T	F	T	T	F	T
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T	T	F	T	T	T
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T	T	T	T	T	T
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