

A LEVEL COMPUTER SCIENCE

Lesson Element

Truth Tables – Task Sheet

1. Write the truth tables for the expressions

NOT (A AND B)

and ((NOT A) OR (NOT B))

2. What do you notice about these tables?



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3. Design and create a program to output the value of a after the statement
IF (a < b) OR (b < c) THEN a = b
has been executed.



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4. Decide on suitable test data for this program giving a reason for each combination of values for a, b and c, give your expected result and the actual result for each.

Values	Reason	Expected	Actual

