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| --- | --- | --- | --- |
| Computer Systems 13 - Logic Gates 3 | |  | Computer Systems 14 - Boolean Ops |
| Combined logic gates Logic CircuitsDoes this sequence of gates and the truth table make sense? Mark the logic gates  Construct the truth table for this example  **A picture containing diagram  Description automatically generated** | | Boolean Operators Logic gates are based on Boolean algebra so at any point in any terminal the state is either true or false (on or off or 1/0).  This is also how keywords searches of databases or search engines like Google work  Shape  Description automatically generated |
|  | |  |
|  | |  |  |
| Computer Systems 15 - Booleans | |  | Computer Systems 16 - Exam Qs |
| A AND B |  |  | Diagram  Description automatically generatedGraphical user interface, text  Description automatically generated |
| A XOR B | A is turned on and B is turned off |
|  | B is turned on and A is turned off |
| (A AND B) NOT C | A and B are on but not C |
| A OR B |  |
| A AND (B OR C) |  |
|  | B turned on and either A or C |

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| Date of revision 1\_\_\_\_\_\_\_\_\_\_Date of revision 2\_\_\_\_\_\_\_\_\_\_Date of revision 3\_\_\_\_\_\_\_\_\_\_ | |  | Date of revision 1\_\_\_\_\_\_\_\_\_\_Date of revision 2\_\_\_\_\_\_\_\_\_\_Date of revision 3\_\_\_\_\_\_\_\_\_\_ | |
|  | How well did you remember this information? |  | How well did you remember this information? |
| Revision 1  Revision 2  Revision 3 | | Revision 1  Revision 2  Revision 3 | |
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| Date of revision 1\_\_\_\_\_\_\_\_\_\_Date of revision 2\_\_\_\_\_\_\_\_\_\_Date of revision 3\_\_\_\_\_\_\_\_\_\_ | |  | Date of revision 1\_\_\_\_\_\_\_\_\_\_Date of revision 2\_\_\_\_\_\_\_\_\_\_Date of revision 3\_\_\_\_\_\_\_\_\_\_ | |
|  | How well did you remember this information? |  |  | How well did you remember this information? |
| Revision 1  Revision 2  Revision 3 | | Revision 1  Revision 2  Revision 3 | |