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**Logic Circuits – Build these in the** [**Falstad Simulator**](http://www.falstad.com/circuit/index.html)

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|  |  |
| --- | --- |
| **1** | Complete the truth table. |
| **2** | Build the circuit that matches this logic expression.    Create a truth table similar to the one above. |
| **3** | Build the circuit that matches this logic expression.    Create a truth table similar to the one above. |
| **4** | Build this in the simulator and complete the truth table. |

|  |  |
| --- | --- |
| **5** | Use the simulator to build a circuit to solve this truth table. Copy the circuit into the space below. |
| **6** | Build this in the simulator |

|  |  |
| --- | --- |
| **7** | Use the simulator to build a circuit to solve this truth table. Copy the circuit into the space below. |