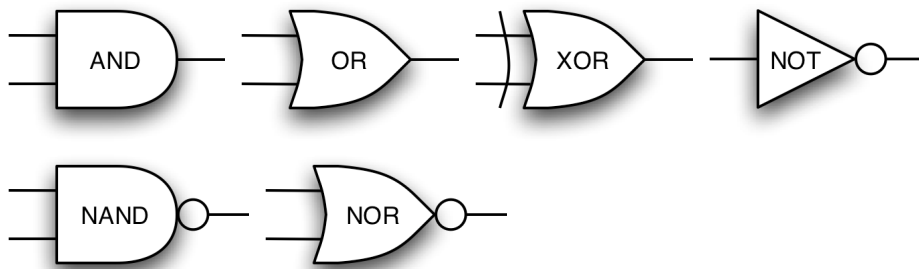4.2.5 Construct a simple logic circuit that corresponds to a given Boolean expression by using standard logic gates.

JSR Notes:

Well, this is another one that's pretty straight-forward, assuming that you remember what the symbols look like. And do note that it is from expression to diagram, not the other way around. But… 4.2.6 is just that. So, you have to be able to go back and forth between expression and diagram.

Here are the symbols:

And here's a 4.2.5 examples:

"Construct the logic circuit that corresponds to the Boolean expression $(A \oplus \bar{B}) \cdot (C + D)$