Part A. This is just some practice to help you learn your T's and F's. You should know the results here without looking at the rules. So, learn the rules first. When you are done, fold the backside of this page over to match the answers printed there.

Worksheet Exercise 2.4.A.

<table>
<thead>
<tr>
<th>Practice calculations</th>
<th>Name _________________________________</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Class __________________ Date ___________</td>
</tr>
</tbody>
</table>

\[
\begin{align*}
T \& F &= \_\_\_ \\
F \lor T &= \_\_\_ \\
F \equiv F &= \_\_\_ \\
F \supset F &= \_\_\_ \\
F \lor F &= \_\_\_ \\
T \& T &= \_\_\_ \\
F \supset T &= \_\_\_ \\
F \supset F &= \_\_\_ \\
F \lor F &= \_\_\_ \\
T \lor T &= \_\_\_ \\
T \equiv T &= \_\_\_ \\
\end{align*}
\]
Answers

__F__ = T & F
__T__ = F \lor T
__T__ = F \equiv F
__T__ = F \rightarrow F
__F__ = F \lor F
__T__ = T & T
__T__ = F \rightarrow T
__T__ = F \rightarrow F
__F__ = F & T
__T__ = T \lor F
__F__ = T \rightarrow F
__F__ = F \equiv T
__T__ = T \lor T
__T__ = T \equiv T
__T__ = F \rightarrow T
__T__ = F \rightarrow T
__T__ = F \rightarrow F
__T__ = F \equiv F
__T__ = F \lor F
__F__ = F \lor F
__F__ = F \lor F
__F__ = F \lor F
__T__ = T \lor F
__F__ = F & T
__T__ = T \equiv T
__F__ = T & F
__T__ = T \lor F
__F__ = F & F
__F__ = F & F
__F__ = T \equiv F
__F__ = T \equiv F
__F__ = T \rightarrow F