READY FOR A CHALLENGE?

Directions: Find the value of each symbol in the area model below so that the entire box represents the value:

225
Area Models work like a Bingo Board where each box represents the product of its corresponding column and row and the sum of all four inner boxes represents the total.

\[
\begin{array}{c}
10 \\
\end{array}
\begin{array}{c}
\times 10 \\
\end{array}
\begin{array}{c}
100 \\
\end{array}
\begin{array}{c}
40 \\
\end{array}
\begin{array}{c}
14 \times 12 = 168 \\
\end{array}
\begin{array}{c}
100 \\
\end{array}
\begin{array}{c}
40 \\
\end{array}
\begin{array}{c}
20 \\
\end{array}
\begin{array}{c}
8 \\
\end{array}
\begin{array}{c}
+ 8 \\
\end{array}
\begin{array}{c}
168 \\
\end{array}
\end{array}
\]