READY FOR A CHALLENGE?

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

72

3

25

4

Name: ________________________________
Key: \(9 \times 8 = 72\)

White Robot = 5

Red Robot = 20

Yellow Robot = 15

Blue Robot = 12

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.

\[
\begin{array}{c|c|c}
10 & 10 & 10 \times 10 \\
\hline
10 & 4 & 100 \\
\hline
2 & 8 & \text{14} \times 12 = 168
\end{array}
\]

\[
\begin{array}{c|c|c|c}
10 & 10 \times 10 & 100 & 40 \\
\hline
2 & 8 & \text{14} \times 12 = 168 & \text{168}
\end{array}
\]

\[
\begin{array}{c|c|c|c|c}
& 100 & 40 \\
\hline
10 & 10 & 10 \times 10 & 100 \\
\hline
2 & 8 & \text{14} \times 12 = 168 & \text{168}
\end{array}
\]

\[
\begin{array}{c|c|c|c|c}
& 100 & 40 \\
\hline
10 & 10 & 10 \times 10 & 100 \\
\hline
2 & 8 & \text{14} \times 12 = 168 & \text{168}
\end{array}
\]

\[
\begin{array}{c|c|c|c|c}
& 100 & 40 \\
\hline
10 & 10 & 10 \times 10 & 100 \\
\hline
2 & 8 & \text{14} \times 12 = 168 & \text{168}
\end{array}
\]