1. Solve $14 \times 12$ using 4 partial products and 2 partial products. Remember to think in terms of units as you solve. Write an expression to find the area of each smaller rectangle in the area model.

\[
\begin{array}{c}
\begin{array}{c}
10 \\
2
\end{array}
\times
\begin{array}{c}
14
\end{array}
\end{array}
\]

\[
\begin{array}{c}
4 \text{ ones} \times 4 \text{ ones} \\
4 \text{ ones} \times 1 \text{ ten} \\
1 \text{ ten} \times 4 \text{ ones} \\
1 \text{ ten} \times 1 \text{ ten}
\end{array}
\]

\[
\begin{array}{c}
8 \\
40 \\
20 \\
100
\end{array}
\]

\[
\begin{array}{c}
168
\end{array}
\]

2. Solve $32 \times 43$ using 4 partial products and 2 partial products. Match each partial product to its area on the models. Remember to think in terms of units as you solve.

\[
\begin{array}{c}
43
\times
32
\end{array}
\]

\[
\begin{array}{c}
2 \text{ zones} \times 4 \text{ tens} \\
2 \text{ zones} \times 3 \text{ ones} \\
3 \text{ tens} \times 4 \text{ tens} \\
3 \text{ tens} \times 3 \text{ ones}
\end{array}
\]

\[
\begin{array}{c}
6 \\
80 \\
40 \\
1200
\end{array}
\]

\[
1376
\]
3. Solve $57 \times 15$ using 2 partial products. Match each partial product to its rectangle on the area model.

4. Solve the following using 2 partial products. Visualize the area model to help you.

a. $25 \times 46$

b. $18 \times 62$

c. $39 \times 46$

d. $78 \times 23$