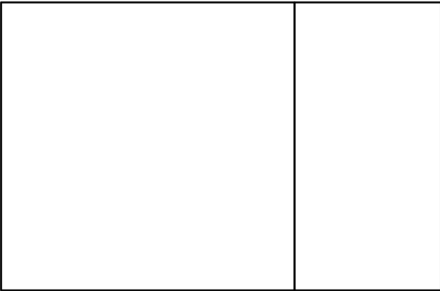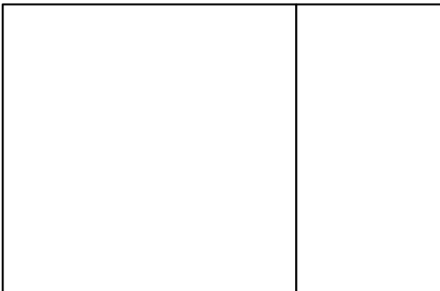Name _____   Date _____

Use an area model to represent the following expressions. Then, record the partial products and solve.

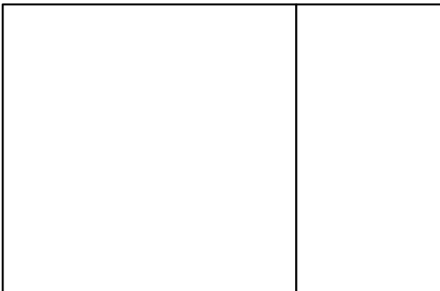1. 30 × 17

$$
\begin{array}{r}
1\ 7 \\
\times\ \ 3\ 0 \\
\hline
\\
+\ \ \rule{2cm}{0.4pt} \\
\hline
\end{array}
$$

2. 40 × 58

$$
\begin{array}{r}
5\ 8 \\
\times\ \ 4\ 0 \\
\hline
\\
+\ \ \rule{2cm}{0.4pt} \\
\hline
\end{array}
$$

3. 50 × 38

$$
\begin{array}{r}
3\ 8 \\
\times\ \ 5\ 0 \\
\hline
\\
+\ \ \rule{2cm}{0.4pt} \\
\hline
\end{array}
$$

Draw an area model to represent the following expressions. Then, record the partial products vertically and solve.

4. 60×19

5. 20×44

Visualize the area model and solve the following expressions numerically.

6. 20×88

7. 30×88

8. 70×47

9. 80×65

engage^ny

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Answer Key

1. 210; 300; 510;
2. 320; 2,000; 2,320
3. 400; 1,500; 1,900
4. 1,140
5. 880
6. 1,760
7. 2,640
8. 3,290
9. 5,200