



Four students in Ms. Soto's fifth grade class made errors on a multiplication assignment. The four incorrect problems are shown below. Find each student's error, explain why his or her work is incorrect, and show how to get the correct answer. You may want to draw a sketch of an area model on this paper or use [grid paper](#) to help you.

1. Find the error. Explain the error:

$$\begin{array}{r}
 46 \\
 \times 24 \\
 \hline
 244 \\
 102 \\
 \hline
 1264
 \end{array}$$

Correct answer:

2. Find the error. Explain the error:

$$\begin{array}{r}
 612 \\
 \times 34 \\
 \hline
 1838
 \end{array}$$

Correct answer:



3. Find the error.

Explain the error:

$$\begin{array}{r} 3 \\ 47 \\ \times 35 \\ \hline 235 \\ 1510 \\ \hline 1745 \end{array}$$

Correct answer:

4. Find the error.

Explain the error:

$$\begin{array}{r} 34 \\ 26 \\ \times 58 \\ \hline 208 \\ 130 \\ \hline 338 \end{array}$$

Correct answer: