Find the Mistakes

a. There is a mistake in the way this math problem was solved. Solve the math problem correctly.

\[
\begin{array}{c}
1 \quad 2 \\
\hline
327 \\
\times \quad 4 \\
\hline
1,301
\end{array}
\]

Explain the error. _____________________________________________________________

b. There is a mistake in the way this math problem was solved. Solve the math problem correctly.

\[
\begin{array}{c}
230 \\
\times \quad 5 \\
\hline
1,400
\end{array}
\]

Explain the error. _____________________________________________________________
a. There is a mistake in the way this math problem was solved.

Solve the math problem correctly.

Explain the error.

The person who solved this problem made a mistake when multiplying the numbers in the ones column. $7 \times 4 = 28$, not 21. They should have written an 8 in the ones place and carried (regrouped) the 2.

b. There is a mistake in the way this math problem was solved.

Solve the math problem correctly.

Explain the error.

The person who solved this problem made a mistake when multiplying the tens digit by 5. $6 \times 5 = 30$, not 40. In this problem a 4 was carried over the hundreds place. A 3 should have been carried over the hundreds place.