



Student: _____

Symphony EXTENSIONS

Date: _____

22 | Expanded Mode Mult. / Div.

1. Complete the model and matching equation:

700

9

\times

7 6 9

6

+

2. Using this model to show how you can find the solution of $79 \div 6$:

6

R

3. Brigitte was stuck on this multiplication problem:
Help her find her mistake in her work.

$$\begin{array}{r}
 367 \\
 \times \quad 8 \\
 \hline
 56 \\
 48 \\
 24 \\
 \hline
 128
 \end{array}$$

A. Where did she go wrong?

B. Solve the problem correctly using a different way:

4. A school group of 63 students went swimming and tent camping near Mascquaw Lake. At the end of the day, 19 students did not stay overnight and went home.

The teachers needed to figure out how many 5-person tents were needed for the remaining students. They thought 8 was the perfect number of tents to hold all the remaining students.

A. Were the teachers correct? _____

B. Draw a visual model to help show the solution to this problem:

C. How many tents are needed?
