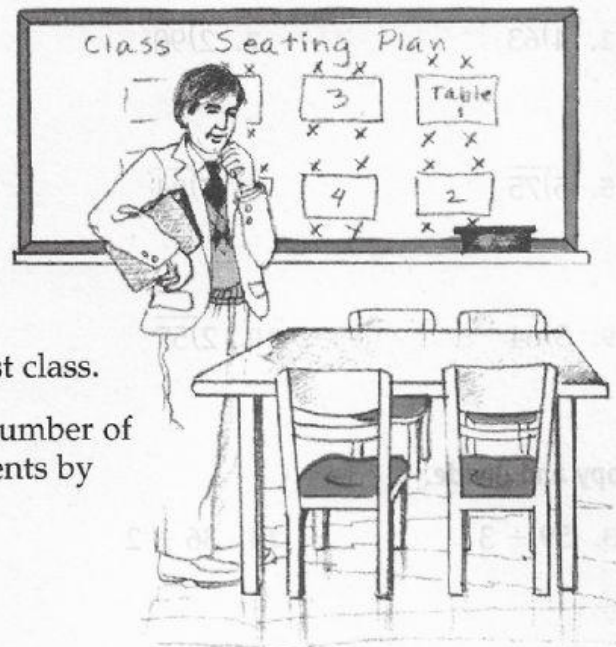# 2-Digit Quotients

Mr. Porter is getting his science classroom ready for the new quarter. His largest class will have 54 students. How many tables will he need for his classroom?

We want to find the number of tables needed in Mr. Porter's classroom.

We know there will be _____ students in his largest class.

Each table seats only _____ students. To find the number of tables needed, we divide the total number of students by the number of seats available at each table.

We divide _____ by _____.

Divide the tens. $5 \div 4 = n$ Guess the closest fact that is not too large. Multiply.	Subtract and compare.	Bring down the ones.
$\begin{array}{r} 1 \\ 4\overline{)54} \\ -4 \end{array}$ $4 \times 1 = 4$	$\begin{array}{r} 1 \\ 4\overline{)54} \\ -4 \\ \hline 1 \end{array}$ $\begin{array}{l} 5-4=1 \\ 1<4 \end{array}$	$\begin{array}{r} 1 \\ 4\overline{)54} \\ -4 \\ \hline 14 \end{array}$

Divide the ones. $14 \div 4 = n$ Guess the closest fact that is not too large. Multiply.	Subtract and compare.	Write the remainder.
$\begin{array}{r} 13 \\ 4\overline{)54} \\ -4 \\ \hline 14 \\ -12 \end{array}$ $4 \times 3 = 12$	$\begin{array}{r} 13 \\ 4\overline{)54} \\ -4 \\ \hline 14 \\ -12 \\ \hline 2 \end{array}$ $\begin{array}{l} 14-12=2 \\ 2<4 \end{array}$	$\begin{array}{r} 13 \text{ R}2 \\ 4\overline{)54} \\ -4 \\ \hline 14 \\ -12 \\ \hline 2 \end{array}$

There are _____ tables needed.

Only _____ students will sit at one of the tables.

Getting Started

Divide and check.

1. $4\overline{)53}$ 2. $6\overline{)66}$

Copy and divide.

3. $24 \div 2$ 4. $81 \div 7$