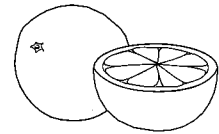


Manuel is preparing snacks for 4 classes.
 He needs to divide 97 oranges into 4 groups.
 He will use long division and a model to solve the problem:



Step 1:

$4 \overline{) 97}$ — He writes the number of oranges here.

He writes the number of groups he needs to make here.

He puts 2 tens blocks in each group.

$4 \overline{) \begin{array}{|c|c|} \hline 2 & \\ \hline \hline 9 & 7 \\ \hline \end{array}}$ — There are 7 ones.

There are 9 tens blocks in the model.

Manuel makes a base ten model of the problem:

97 = 9 tens + 7 ones

Manuel can divide 8 of the 9 tens blocks into 4 equal groups of size 2:

1. Manuel has written a division statement to solve a problem.
 How many groups does he want to make?
 How many tens and how many ones would he need to model the problem?

- | | | | |
|------------------------|------------------------|------------------------|------------------------|
| a) $3 \overline{) 76}$ | b) $4 \overline{) 95}$ | c) $4 \overline{) 92}$ | d) $5 \overline{) 86}$ |
| groups _____ | groups _____ | groups _____ | groups _____ |
| tens blocks _____ | tens blocks _____ | tens blocks _____ | tens blocks _____ |
| ones _____ | ones _____ | ones _____ | ones _____ |

2. How many tens blocks can be put in each group?

- | | | | | |
|---|---|---|---|---|
| a) $\begin{array}{ c } \hline \square \\ \hline \hline 3 \overline{) 45} \\ \hline \end{array}$ | b) $\begin{array}{ c } \hline \square \\ \hline \hline 5 \overline{) 93} \\ \hline \end{array}$ | c) $\begin{array}{ c } \hline \square \\ \hline \hline 4 \overline{) 62} \\ \hline \end{array}$ | d) $\begin{array}{ c } \hline \square \\ \hline \hline 3 \overline{) 89} \\ \hline \end{array}$ | e) $\begin{array}{ c } \hline \square \\ \hline \hline 4 \overline{) 82} \\ \hline \end{array}$ |
| f) $\begin{array}{ c } \hline \square \\ \hline \hline 3 \overline{) 38} \\ \hline \end{array}$ | g) $\begin{array}{ c } \hline \square \\ \hline \hline 5 \overline{) 97} \\ \hline \end{array}$ | h) $\begin{array}{ c } \hline \square \\ \hline \hline 4 \overline{) 81} \\ \hline \end{array}$ | i) $\begin{array}{ c } \hline \square \\ \hline \hline 6 \overline{) 85} \\ \hline \end{array}$ | j) $\begin{array}{ c } \hline \square \\ \hline \hline 7 \overline{) 96} \\ \hline \end{array}$ |

3. For each division statement, how many groups have been made?
 How many tens are in each group?

- | | | | |
|---|---|---|---|
| a) $\begin{array}{ c } \hline 2 \\ \hline \hline 3 \overline{) 85} \\ \hline \end{array}$ | b) $\begin{array}{ c } \hline \square \\ \hline \hline 4 \overline{) 94} \\ \hline \end{array}$ | c) $\begin{array}{ c } \hline \square \\ \hline \hline 5 \overline{) 75} \\ \hline \end{array}$ | d) $\begin{array}{ c } \hline \square \\ \hline \hline 2 \overline{) 89} \\ \hline \end{array}$ |
| groups <u>3</u> | groups _____ | groups _____ | groups _____ |
| number of tens in each group <u>2</u> | number of tens in each group _____ | number of tens in each group _____ | number of tens in each group _____ |