

Add Three 2-Digit Numbers

CA Standards
KEY AF 1.1, NS 2.0

You can add three numbers.

There are 13 girls and 17 boys eating lunch in the lunchroom. There are 7 teachers eating, too. How many people are eating lunch in the lunchroom?

Method 1 Make a ten.

$$\begin{array}{r}
 | \\
 13 \\
 17 \\
 + 7 \\
 \hline
 37
 \end{array}
 \begin{array}{l}
 > 3 + 7 = 10
 \end{array}$$

Method 2 Use a double.

$$\begin{array}{r}
 | \\
 13 \\
 17 \\
 + 7 \\
 \hline
 37
 \end{array}
 \begin{array}{l}
 > 7 + 7 = 14
 \end{array}$$

Solution: There are 37 people eating lunch.

Add.

$$\begin{array}{r}
 1. \quad 4 \\
 54 \\
 + 21 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 2. \quad 22 \\
 18 \\
 + 3 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 3. \quad 51 \\
 29 \\
 + 2 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 4. \quad 57 \\
 23 \\
 + 10 \\
 \hline
 \end{array}$$



Writing and Reasoning When I regroup after adding two numbers, the greatest number of tens I can have is 1. What is the greatest number of tens I can have when I regroup after adding 3 numbers? Explain.
