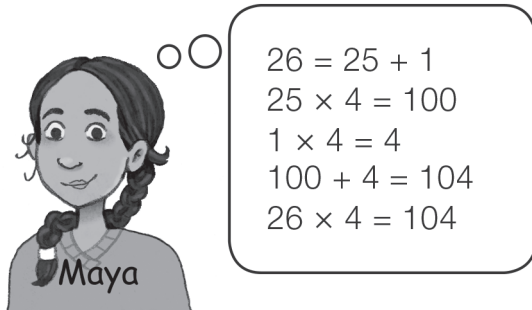


What Were They Thinking?

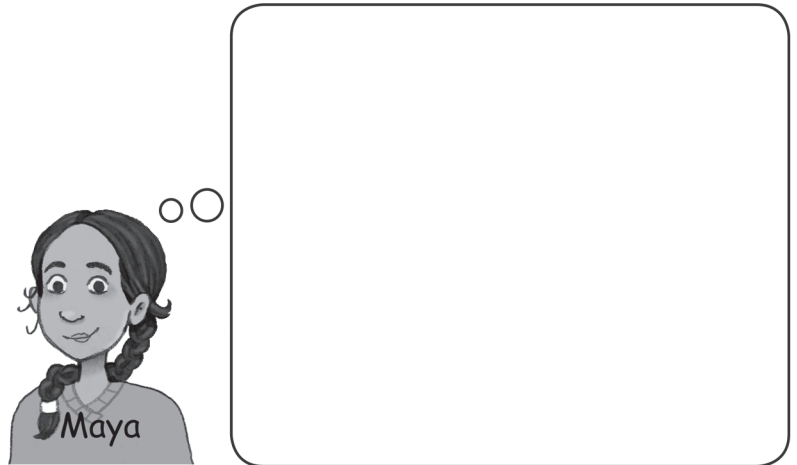
1. Here is how Maya solved 26×4 .



Maya

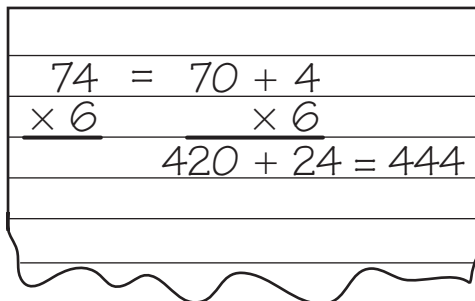
$26 = 25 + 1$
 $25 \times 4 = 100$
 $1 \times 4 = 4$
 $100 + 4 = 104$
 $26 \times 4 = 104$

Show how Maya would solve 28×3 .



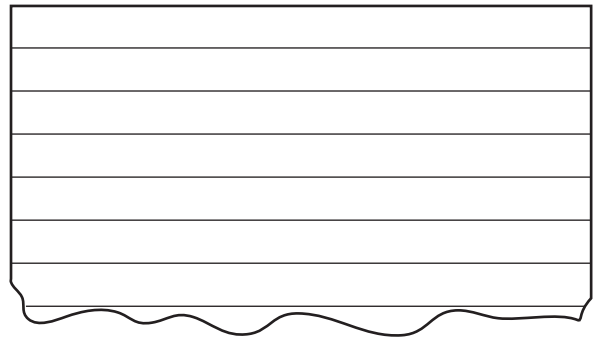
Maya

2. Here is how Jacob solved 74×6 .

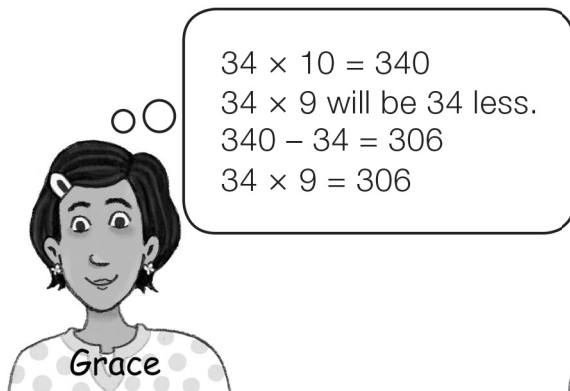


$74 = 70 + 4$
 $\begin{array}{r} 74 \\ \times 6 \\ \hline \end{array} = \begin{array}{r} 70 \\ \times 6 \\ \hline \end{array} + \begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$
 $420 + 24 = 444$

Use the same method to solve 36×8 .



3. Here is how Grace solved 34×9 .



Grace

$34 \times 10 = 340$
 34×9 will be 34 less.
 $340 - 34 = 306$
 $34 \times 9 = 306$

Show how Grace would solve 23×9 .



Grace

4. Jerome knows that 5 is half of 10.
Here is how he solved 5×46 .

Show how Jerome would solve 5×84 .

Cut 46 in half to get 23.
Double 5 to get 10.
 $10 \times 23 = 230$
 $5 \times 46 = 230$

5. • Solve the following problems.

- Solve at least one problem using paper and pencil and at least one problem using mental math.
- Show your paper-and-pencil solutions on the note pads. Show your mental math solutions in the thought bubbles.

A. 48×5

B. 8×76

C. 26×9