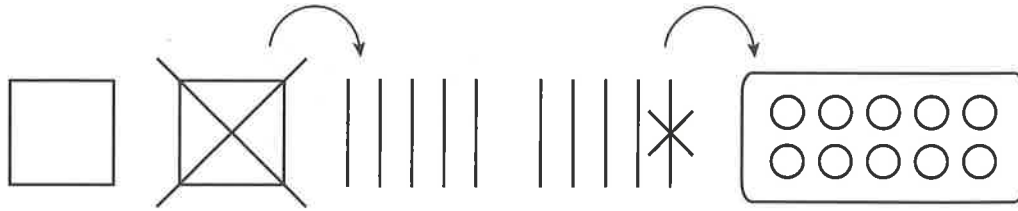




Explain Ungrouping 200

Use this drawing to explain why $200 = 100 + 90 + 10$.



Review Both Methods

Expanded Method

$$\begin{array}{r}
 200 \\
 - 68 \\
 \hline
 \end{array}
 =
 \begin{array}{r}
 100 \\
 \cancel{200} \\
 + \cancel{0} \\
 + \cancel{0} \\
 \hline
 100 + 30 + 2 = 132
 \end{array}$$

or

$$\begin{array}{r}
 100 \\
 \cancel{200} \\
 + \cancel{0} \\
 + \cancel{0} \\
 \hline
 100 + 30 + 2 = 132
 \end{array}$$

Ungroup First Method

Ungroup in two steps. or Ungroup all at once.

Step 1. Ungroup 1 hundred to make 10 tens.

$$\begin{array}{r}
 100 \\
 \cancel{200} \\
 - 68 \\
 \hline
 132
 \end{array}$$

or

Ungroup 1 hundred to make 9 tens and 10 ones.

$$\begin{array}{r}
 190 \\
 \cancel{200} \\
 - 68 \\
 \hline
 132
 \end{array}$$

$200 = 100 + 90 + 10$

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Explain how ungrouping and subtraction work. Relate the steps used in these methods to the drawing at the top of the page.