

ZANY ZERO

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Place value arrows help us to expand a number to show the value of each digit.

Example 1



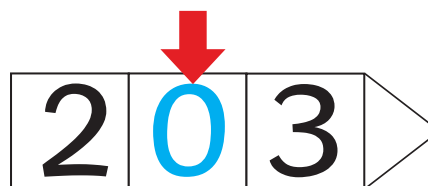
Can be expanded like this.

$$\begin{array}{|c|c|c|} \hline 2 & 0 & 0 \\ \hline \end{array} \rightarrow + \begin{array}{|c|c|} \hline 3 & 0 \\ \hline \end{array} \rightarrow + \begin{array}{|c|} \hline 4 \\ \hline \end{array} \rightarrow$$

Example 2

In the number 203, the 0 means that there are **no** tens.

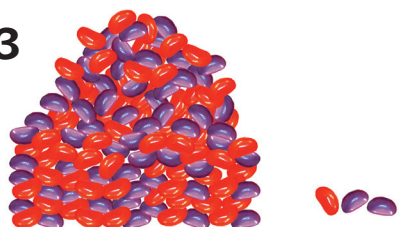
It is used to keep the other digits in the correct place.



203 does **not** have the same value as 23!



203



Expanded, 203 looks like this.

$$\begin{array}{|c|c|c|} \hline 2 & 0 & 0 \\ \hline \end{array} \rightarrow + \begin{array}{|c|} \hline 3 \\ \hline \end{array} \rightarrow$$

23



Expanded, 23 looks like this.

$$\begin{array}{|c|c|} \hline 2 & 0 \\ \hline \end{array} \rightarrow + \begin{array}{|c|} \hline 3 \\ \hline \end{array} \rightarrow$$

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What numbers do these arrow cards show?

a  +  + 

b  + 

c  + 

Show these numbers with arrow cards in **expanded form**.

d 

e 

f 