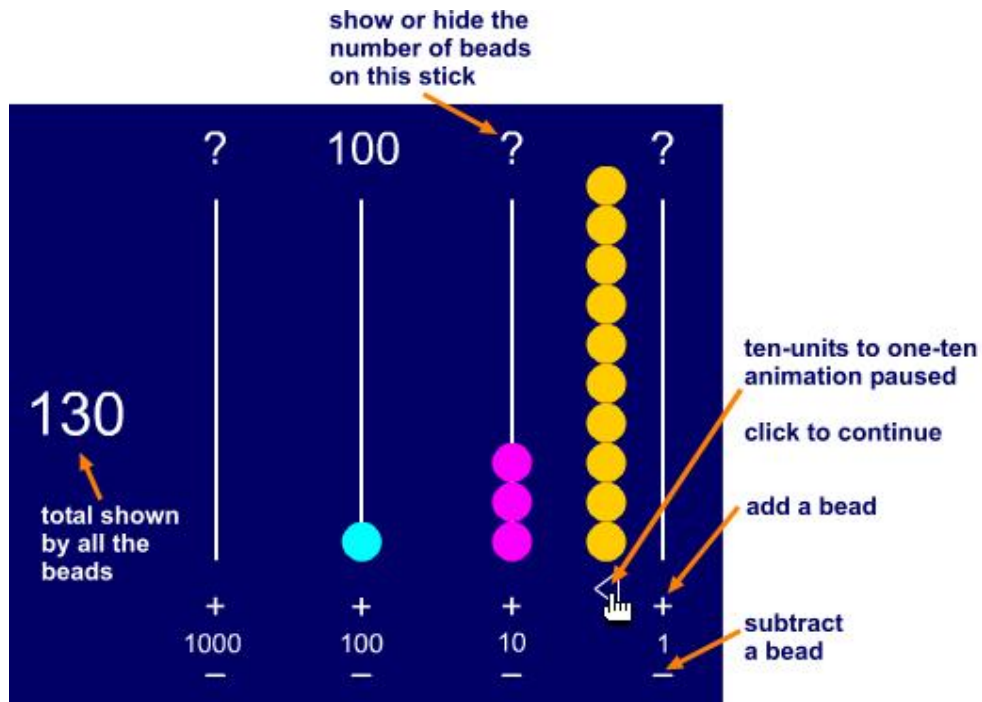


Bead sticks

This ITP allows you to place beads onto sticks representing units, tens, hundreds and thousands. If you fill any column with ten beads an animation shows how they combine to make one bead in the next column.

Similarly, if you subtract a bead from an empty column, an animation shows how one bead from the next column becomes ten beads in the empty column (and nine beads when one is subtracted).



Click here to display the show a calculation controls.



Click on + or - to set up a calculation based on the current number displayed by the bead sticks.

Any further beads which are added or subtracted will be displayed on the second row of the calculation. The total will be shown on the bottom row.

Click on 'hide' to hide (or show) the calculation.

$$\begin{array}{r}
 130 \\
 + \quad 14 \\
 \hline
 144
 \end{array}$$