



Let us build up and break down numbers

CAPS Statement

Numbers, operations & relationships

Whole numbers: building up and breaking down numbers

Note

Breaking down numbers uses the **place value** of the number.

For example: $323 = 300 + 20 + 3$.

Building up numbers uses the **numeric value** of the number.

For example: $300 + 20 + 3 = 323$

Activity 1

Use building up and breaking down of numbers to solve the following problems:

Example

$$\begin{array}{rcl}
 564 + 293 = & 500 + 60 + 4 & \\
 & 200 + 90 + 3 & \\
 \hline
 & 700 + 150 + 7 = 857 &
 \end{array}$$

(a) $434 + 765 =$

(b) $239 + 896 =$

(c) $865 - 760 =$

(d) $899 - 179 =$

Teacher Tip

Use flash cards to assist learners in understanding place and numeric value.