• **Standard partitioning** is breaking numbers according to the place value of each digit. When partitioning the numbers they can be written in digit form or word form.

For example: 29 503 = 2 ten thousands + 9 thousands + 5 hundreds + 0 tens + 3 ones **OR** 20 000 + 9 000 + 500 + 3.

• Writing the number on an **open number expander** helps to see the place value parts.

```
  2  9  5  0  3
 2  10 thousands 9 thousands 5 hundreds 0 tens 3 ones
```

• **Non-standard partitioning** is breaking numbers in ways that don’t use the place value of each digit.

For example: 23 465 = 23 thousands + 4 hundreds + 6 tens + 5 ones
23 thousands + 46 tens + 5 ones
23 thousands + 465 ones

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