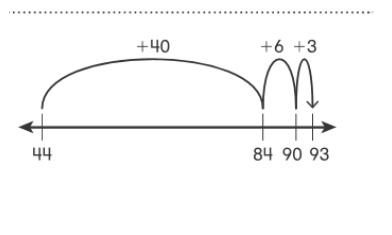
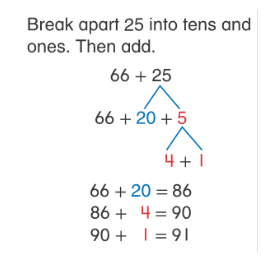
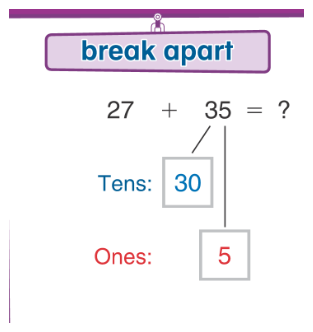
**Addition Strategies**

1. Open Number Line

**44 + 49 = 93**



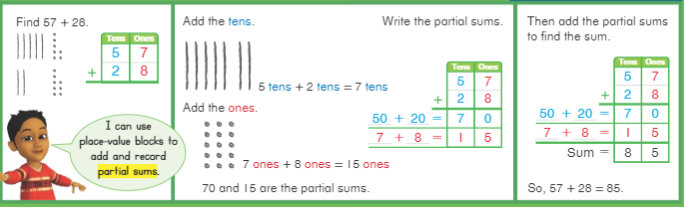
1. Break Apart



**Step 1: 27 + 30 = 57**

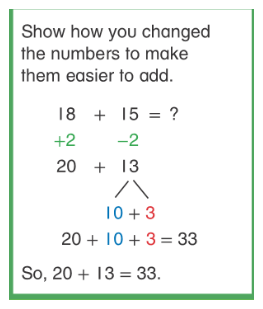
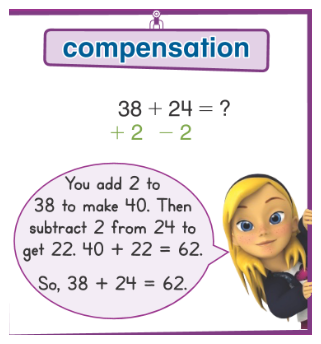
**Step 2: 57 + 5 = 62**

1. Add with Partial Sums
   * Add the tens and write the partial sums.
   * Add the ones and write the partial sums.
   * Then add the partial sums to find the sum.

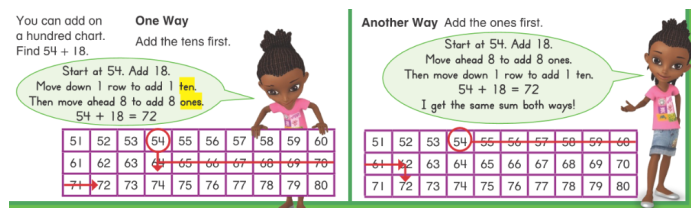


1. Compensation

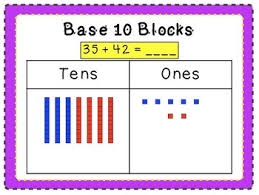
Adjust the addends by the same amount to create friendly numbers.



1. Hundreds Chart



|  |  |
| --- | --- |
| 54 + 18 = 72.  Start at 54.  Move down 1 ten. Count on, to the right 8 ones. | 54 + 18 = 72.  Start at 54.  Count on, to the right 8 ones.  Move down 1 ten. |

1. Place Value Block

* Count out or draw the number of tens and ones you’ll need for each addend.
* Add the ones, regroup to form a ten if needed.
* Add the tens, including any you regrouped.

1. Standard Algorithm \*Note: This is not taught in our second-grade curriculum.

* Add the numbers in the ones place. Regroup if necessary.
* Add the numbers in the tens place. Include any number you regrouped.

1

54

+18

72