

Create an Anchor Chart

<u>Ideas</u>

Cut out the items on the following pages to create the Addition Strategies anchor chart.

As a follow up activity have the students compare and contrast 2 of the addition strategies.



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Using Ten Frames



The Hundreds Chart: Counting by 10's & 1's

| <u>Steps to Using the 100s Chart</u> | 1 | ౽ | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|----|----|----|----|----|----|----|----|----|-----|
| Solving: 37 + 29 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| * Decompose one of the addends: For this example | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| decompose the addend- 29 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 10 + 10 + 9. | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| * Start at 37, on the hundreds chart. | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| * Then go down 1 ten to 47. | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| * Go down 1 ten to 57. | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| * Go across 9 ones. | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| * Final number you will land on is 66. | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |



Using Compensation

Solving: 37 + 29

* Look for an addend that you can get to a friendly 10.

* 29 is close to 30, therefore you will take 1 from the 37 and add the 1 to 29.

* Now we have new addends: 36 and 30.

- * They are easier to add.
 - * 30 and 30 equals 60.
 - * 6 and 0 equals 6.
- * Put 60 and 6 together and our sum is 66.





Using this strategy

Solving: 37 + 29

* Look at both addends to determine which doubles they are close to.

*For this example, we will look at the doubles 30 & 30.

* In order to make the doubles we had to: Take 7 away from 37 to get 30 and Add 1 to 29 to get 30

* Now we have new addends: 30 and 30 which equals 60.

* We still have 6 numbers left because we didn't account for the 7 ones in 37. Remember we already gave 1 to the 29.
Therefore we have 6 ones left.

* 60 and 6 equals 66.

-1 +30 = 60





Partial Sums or Adding by Place Value

Using this strategy

Solving: 37 + 29

*Add the tens place together.

*For this example, we added 30 and 20 to get 50.

* Then add the ones place.

* For this example, we added 7 and 9 to get 16.

* We have two partial sums. Now we have to combine the partial sums.

* 50 and 16 equals 66.



Decomposing an Addend



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