

Here are some strategies we are using to help the children with addition:

Base 10 Blocks

$35 + 52 = ?$

1. Use base 10 blocks to represent both addends.
2. Then group tens together and ones together.
3. Add the tens and ones to get the sum!

$= 87$

Base 10 Blocks

$45 + 36 = ?$

1. Use base 10 blocks to represent both addends.
2. Group tens together.
3. Regroup! Make 1 ten with 10 ones.
4. Don't forget any remaining ones.
5. Add the tens and ones to get the sum!

$= 81$

2 Digit Addition Strategies

Adding by Place Value

$34 + 21 =$

Add the tens $30 + 20 = 50$
Add the ones $4 + 1 = 5$

$50 + 5 = 55$

Year 2 adding using partitioning

$53 + 28$

$50 + 3$
 $20 + 8$

Addition without Regrouping

Base Ten

$52 + 45 = 97$

Number line

1. Write the larger addend at the start of the number line.
2. Draw hops to represent the second addend.
3. Skip count to find the sum.

Expanded Form

$50 + 2 + 40 + 5 = 90 + 7 = 97$

$52 + 45 = 97$

Standard Model

$52 + 45 = 97$

1. Line up both addends vertically.
2. Add the ones place first.
3. Then add the tens place.

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Addition by partitioning

$46 + 39$

$(40 + 30) + (6 + 9)$

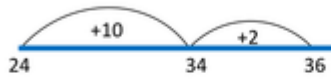
$(70) + (15)$

$= 85$

The use of dienes (Base 10) are key to supporting the children in their learning.

Using a number line

$24 + 12 =$

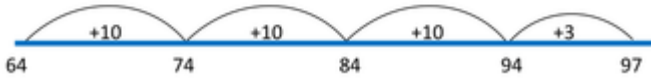


Using a number line can help you to add two numbers

If you have two bigger numbers you can partition the number into smaller jumps:

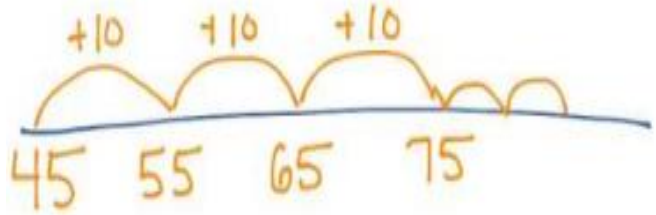
$64 + 33 =$

33
10 3
10 3
10 3

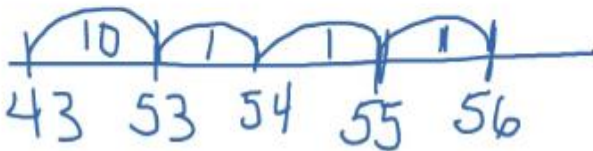


Open Number Line

$45 + 32 =$



Open Number line
 $43 + 13 = 56$



Double Digit Addition:
Open Number Line

$27 + 42 =$

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Adding on a Number Line

Directions: Use the open number lines below to solve for the sum of each addition problem.

$37 + 12 =$
37 47 48 49
My answer $37 + 12 = 49$

$28 + 41 =$
28 38 48 58 68 69
My answer $28 + 41 = 69$

$60 + 37 =$
60 70 80 90 91 92 93 94 95 96 97
My answer $60 + 37 = 97$

Counting on...

$26 + 47$

OR

try reordering too...

Addition
Maths Calculation Strategies

$26 + 47 = 47 + 26$