

They use place value understanding and properties of operations to add and subtract (Standards 2.NBT.5–9).

Standard 2.NBT.5 Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

Please Note: Students need to be fluent in adding and subtracting within 20 as well as being fluent with using different strategies to solve within 100. To fluently add and subtract within 100 does not mean students must know the standard algorithm. They just need to have a strategy to help them solve.

Key Elements: The key here is for students to efficiently, flexibly, and accurately use a strategy that works for them. Students need to choose a strategy and fluently use it to solve a given problem.

Strategies students can use to solve adding and subtracting. See 2. NBT 1-4 for more details on each strategy. There are a variety of strategies that students can use.

- Use a concrete model (counters, Place Value blocks, etc)
- Place Value pictures
- Expanded Form
- Show All Totals (adding 1s, 10s, 100s)
- New Groups Above
- New Groups Below
- Adding doubles
- Looking for patterns