



## Understanding Addition and Subtraction Strategies

### Today's Standard

2.NBT.B9 - Explain why addition and subtraction strategies work, using place value and the properties of operations.

| Cues                             | Notes                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------|
| Place value                      | Place value: Understanding ones, tens, and their role in calculations.                    |
| Addition strategies              | Addition strategies: Methods like regrouping based on place value.                        |
| Subtraction strategies           | Subtraction strategies: Techniques like borrowing based on place value.                   |
| Properties of operations         | Properties of operations: Commutative, associative properties and their role in addition. |
| Why order matters in subtraction | Order in subtraction: Importance of maintaining order to get correct results.             |

### Summary

Understanding place value and properties of operations is essential for explaining why addition and subtraction strategies work. Misconceptions include thinking strategies are arbitrary and that order doesn't matter in subtraction.