

Addition and Subtraction Within 100

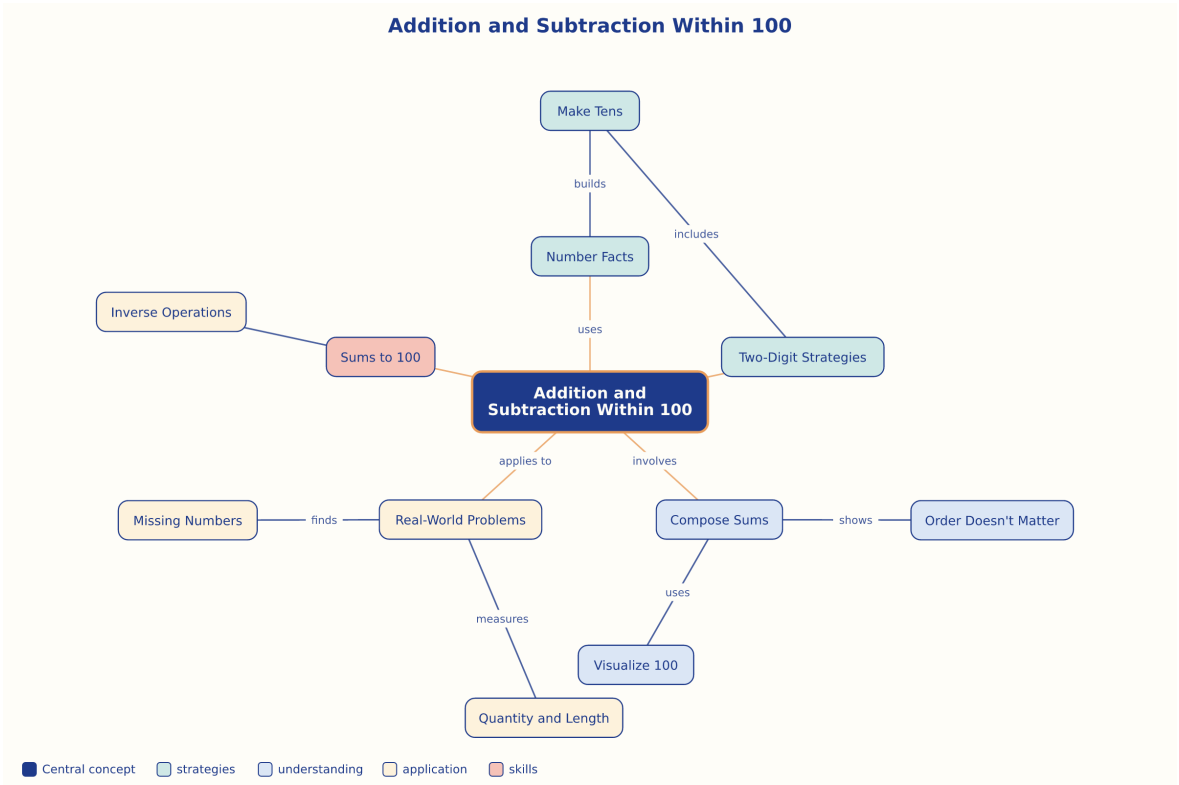
Central concept: **Addition and Subtraction Within 100**

Connections

- Addition and Subtraction Within 100 (uses) -> Number Facts
- Addition and Subtraction Within 100 (uses) -> Two-Digit Strategies
- Addition and Subtraction Within 100 (involves) -> Compose Sums
- Addition and Subtraction Within 100 (applies to) -> Real-World Problems
- Number Facts (builds) -> Make Tens
- Two-Digit Strategies (includes) -> Make Tens
- Compose Sums (shows) -> Order Doesn't Matter
- Compose Sums (uses) -> Visualize 100
- Real-World Problems (measures) -> Quantity and Length
- Real-World Problems (finds) -> Missing Numbers
- Sums to 100 (checks with) -> Inverse Operations
- Addition and Subtraction Within 100 (includes) -> Sums to 100

Notes

- **Addition and Subtraction Within 100:** Grade 2 students investigate how addition and subtraction work with numbers up to 100. [Outcome](#)
- **Number Facts:** Familiar addition and subtraction facts with addends to 10 help students solve larger problems. [Knowledge](#), [Knowledge](#)
- **Two-Digit Strategies:** Making multiples of ten and using doubles are key strategies for two-digit addition and subtraction. [Knowledge](#), [Knowledge](#)
- **Make Tens:** Breaking numbers into tens helps solve addition and subtraction problems efficiently. [Skills](#), [Skills](#)
- **Compose Sums:** A sum can be made in many different ways, including with more than two addends. [Understanding](#), [Understanding](#)
- **Order Doesn't Matter:** When adding more than two numbers, the order does not change the sum. [Knowledge](#), [Knowledge](#)
- **Real-World Problems:** Addition and subtraction represent quantities and lengths in real situations. [Understanding](#), [Understanding](#)
- **Inverse Operations:** Addition and subtraction are opposites; use one to check the other. [Skills](#)
- **Missing Numbers:** Find unknown quantities in addition and subtraction sentences within 100. [Skills](#)
- **Visualize 100:** See 100 as groups of 10 in different ways to understand place value. [Skills](#), [Skills](#)
- **Sums to 100:** Add numbers so the total is 100 or less; subtract from numbers up to 100. [Skills](#)
- **Quantity and Length:** Use addition and subtraction to work with objects you can count or distances you can measure. [Skills](#)



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