

Addition and Subtraction within 100

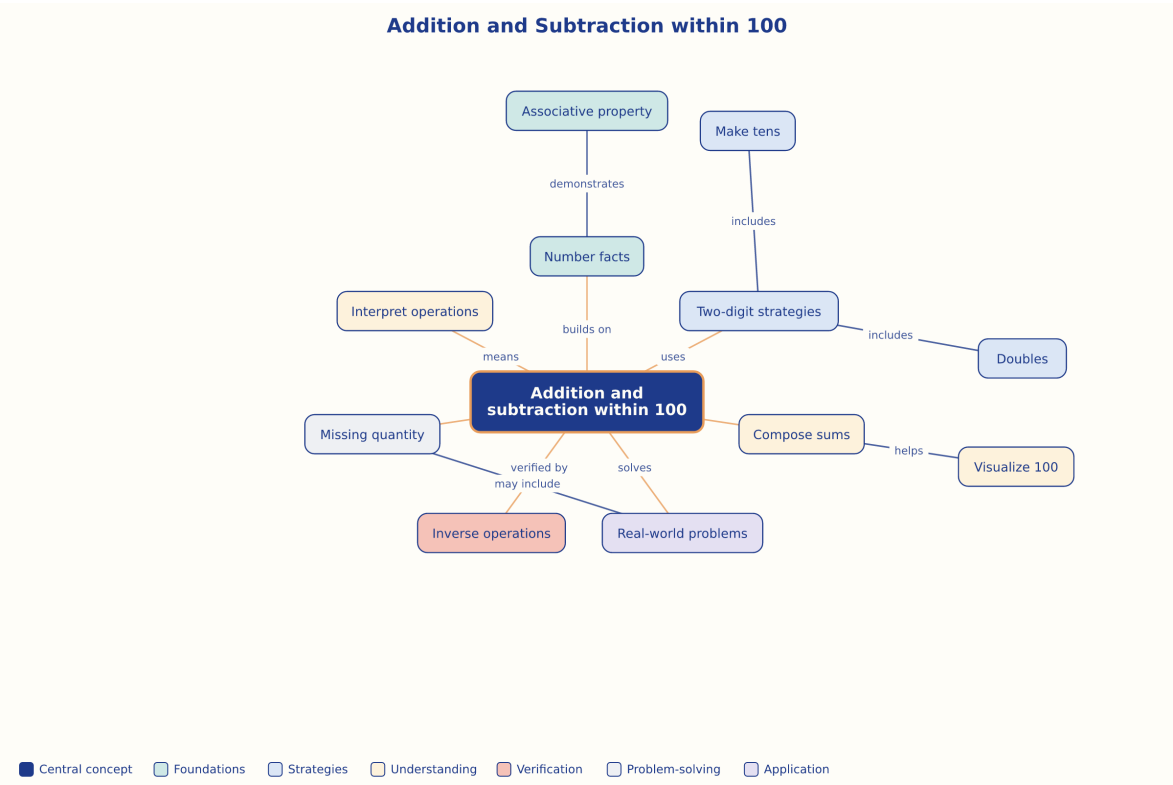
Central concept: **Addition and subtraction within 100**

Connections

- Addition and subtraction within 100 (builds on) -> Number facts
- Addition and subtraction within 100 (uses) -> Two-digit strategies
- Addition and subtraction within 100 (applies) -> Compose sums
- Addition and subtraction within 100 (solves) -> Real-world problems
- Two-digit strategies (includes) -> Make tens
- Two-digit strategies (includes) -> Doubles
- Number facts (demonstrates) -> Associative property
- Compose sums (helps) -> Visualize 100
- Addition and subtraction within 100 (verified by) -> Inverse operations
- Addition and subtraction within 100 (finds) -> Missing quantity
- Addition and subtraction within 100 (means) -> Interpret operations
- Real-world problems (may include) -> Missing quantity

Notes

- **Addition and subtraction within 100:** Students investigate how to add and subtract numbers up to 100. [Outcome](#)
- **Number facts:** Addition facts with addends to 10 and related subtraction facts. [Skills](#)
- **Two-digit strategies:** Methods for adding and subtracting two-digit numbers. [Knowledge](#), [Skills](#)
- **Make tens:** Create multiples of ten to solve addition and subtraction. [Knowledge](#), [Resource](#), [Resource](#)
- **Doubles:** Use doubles to add and subtract two-digit numbers. [Knowledge](#), [Resource](#), [Resource](#)
- **Compose sums:** A sum can be made in multiple ways, including with more than two addends. [Skills](#), [Understanding](#)
- **Visualize 100:** See 100 as made up of multiples of 10 in different ways. [Skills](#), [Skills](#)
- **Inverse operations:** Use addition to check subtraction, and subtraction to check addition. [Skills](#)
- **Missing quantity:** Find an unknown number in an addition or subtraction problem. [Skills](#)
- **Real-world problems:** Solve problems using quantities or measurable lengths. [Skills](#), [Understanding](#)
- **Associative property:** The order of adding more than two numbers does not change the sum. [Knowledge](#)
- **Interpret operations:** Addition and subtraction represent sums or differences of quantities. [Guiding question](#), [Understanding](#)



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