

Structure of the Grade Level Standards: Standard 1.0A.4.

- Standards define what students should understand and be able to do.
- <u>Clusters</u> are groups of related standards. Note that standards from different clusters may sometimes be closely related, because mathematics is a connected subject.
- <u>Domains</u> are larger groups of related standards. Standards from different domains may sometimes be closely related.



Grade Level

Operations and Algebraic Thinking

1.0A

Cluster

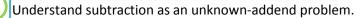
Represent and solve problems involving addition and subtraction.

Standards

- 1. Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
- 2. Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.

Understand and apply properties of operations and the relationship between addition and subtraction.

3. Apply properties of operations as strategies to add and subtract. Examples: If 8 + 3 = 11 is known, then 3 + 8 = 11 is also known. (Commutative property of addition.) To add 2 + 6 + 4, the second two numbers can be added to make a ten, so 2 + 6 + 4 = 2 + 10 = 12. (Associative property of addition.)



For example, subtract 10 - 8 by finding the number that makes 10 when added to 8.