



Common Core Math Newsletter

1st Grade Unit 1: Addition and Subtraction

Strategies within 10

In this unit, students will develop strategies for finding sums and differences within 10. They will apply these strategies to real world situations. In addition, students will begin to represent and interpret data in bar graphs and histograms.

Standards

1.OA.6

- Add and subtract within 20, demonstrating fluency for addition and subtraction within 10
- Use strategies such as counting on; making ten ; decomposing a number leading to a ten
- Using the relationship between addition and subtraction (example: knowing that $8 + 4 = 12$, one knows $12 - 8 = 4$)
- Creating equivalent but easier or known sums (example: adding $6 + 7$ by creating the known equivalent $6 + 6 + 1 = 12 + 1 = 13$)

1.OA.1

- Represent and solve problems involving addition and subtraction
- 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
- Use objects, drawings, and equations with a symbol for the unknown number to represent the problem

1.MD.4

- Represent and interpret data
- Organize, represent, and interpret data with up to three categories

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Vocabulary

counting on starting with one number in an addition sentence (addend) and counting up the amount of the other addend

making ten finding addends that equal 10 (example: $8 + 6 = 8 + 2 + 4 = 10 + 4 = 14$)

decomposing a number breaking apart one of the numbers in an addition or subtraction problem into a group of ten and some ones (example: $13 - 4 = 13 - 3 - 1 = 10 - 1 = 9$)

Additional Resources

IXL.com Topics:

- Addition
- Addition Skill-builder
- Subtraction
- Subtraction Skill-builder
- Data and Graphs

<http://www.scholastic.com/parents/resources/article/what-to-expect-grade-adding-and-subtracting>

<http://xtramath.org/>