



## **Common Core Math Newsletter**

### **2nd Grade Unit 4: Multi-digit Addition and Subtraction Using an Understanding of Place Value** continued

*Students will add and subtract numbers within 1000 using a variety of strategies. They will be able to explain the strategies they use and why they work. In addition, they will use this knowledge to solve real world problems.*

#### **Standards**

##### **2.NBT.5**

- Fluently add and subtract within 100 using strategies based on place value,
- Fluently add and subtract within 100 using properties of operations
- Fluently add and subtract within 100 using the relationship between addition and subtraction.

##### **2.NBT.6**

- Add up to four two-digit numbers using strategies based on place value and properties of operations.

##### **2.NBT.7**

- Understand ones add/subtract from ones
- Understand tens add/subtract from tens
- Understand hundreds add/subtract from hundreds
- Use concrete models to add and subtract within 1000
- Use drawings to add and subtract within 1000
- Use place value strategies to add and subtract within 1000
- Use properties of operations to add and subtract within 1000
- Use the relationship between addition and subtraction to add and subtract within 1000
- Compose and decompose numbers to add and subtract within 1000
- Relate strategies to a written method

##### **2.NBT.9**

- Explain why addition and subtraction strategies work

##### **2.OA.1**

- Solve one step addition and subtraction word problems
- Solve two step addition and subtraction word problems
- Understand word problems of adding to, taking from, putting together, taking apart, and comparing
- Use drawings and equations with a symbol for the unknown number to represent the problem

##### **2.MD.8**

- Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies using symbols appropriately



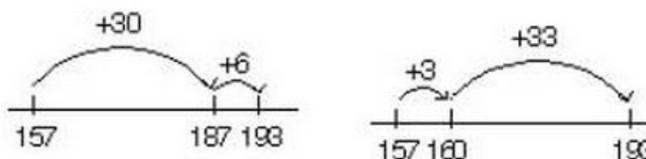
## 2nd Grade Common Core Math

### 2nd Grade Unit 4: Multi-digit Addition and Subtraction Using an Understanding of Place Value

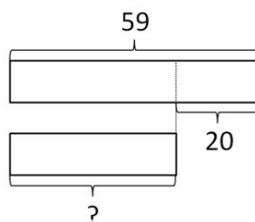
#### Vocabulary (cont'd.)

**benchmark/  
landmark/  
friendly  
number** a number that is generally easier to work with when calculating such as multiples of 5, 10, 100 etc.

**empty  
number line**



**tape diagram**



#### Additional Resources

##### IXL.com Topics:

- Addition—two digit & three digit
- Subtraction— two digit & three digit
- Money
- Time

##### **LearnZillion.com Videos:**

- <https://learnzillion.com/lessons/3937-add-two-2-digit-numbers-by-making-10s>
  - Quick Code LZ3937
- <https://learnzillion.com/lessons/4426-subtract-three-digit-numbers-with-base-ten-blocks>
  - Quick Code LZ4426
- <https://learnzillion.com/lessons/2630-add-within-1000-using-a-number-line>
  - Quick Code LZ2630
- <https://learnzillion.com/lessons/3701-add-and-subtract-multiples-of-10-from-a-number-using-a-numbers-chart>
  - Quick Code LZ 3701

*Be sure to look to the left of the video to see other lessons on the standard.*