



## Number Line Basics

### Today's Standard

2.MD.B6 - Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram.

### Real-World Applications for this Standard

Using a number line to measure the length of a pencil.; Determining the distance between two points on a map.; Calculating the total cost of items in a shopping list.; Finding the difference in scores between two teams.

### Today I Learned

Today, we learned about number lines. A number line is a line with numbers placed at equal distances. We use it to show whole numbers and to add or subtract numbers up to 100.

### Common Stumbling Blocks

Some kids might think the spaces between numbers on a number line can be different, but they should all be the same. Others might think the number line starts at 1, but it starts at 0.

### Quiz Me

- What number do we start with on a number line?
- How should the spaces between numbers be on a number line?
- Can you show me how to add 5 and 3 on a number line?
- What is the first number on a number line?
- How do we subtract 2 from 7 using a number line?

### Help Me

A number line is like a ruler. It helps us see and count numbers. We can use it to add or subtract by moving right or left. For example, if you have 3 apples and get 2 more, you can count 2 steps from 3 on the number line to see you have 5 apples.

