

Lesson 1: Positive and Negative Numbers on the Number Line— Opposite Direction and Value

Classwork

Exploratory Challenge: Constructing a Number Line

Exercises

Complete the diagrams. Count by ones to label the number lines.



1. Plot your point on both number lines.
2. Show and explain how to find the opposite of your number on both number lines.
3. Mark the opposite on both number lines.
4. Choose a group representative to place the opposite number on the class number lines.
5. Which group had the opposite of the number on your index card?