



Signed Numbers Learning Objectives

Concept 1: Numbers Less Than Zero

1. Students identify signed numbers, and order and plot them using a number line, and compare their values.
2. Students identify the uses of the dash (-) in relation to subtraction and numbers less than zero.
3. Students find the absolute value of numbers and compare absolute values.
4. Students become familiar with contextual situations that use integers.

Concept 2: Models to Illustrate Signed Number Operations

5. Students will explore models that lend meaning to integer operations.
6. Students compare the operations of signed numbers.
7. Students generalize the rules for integer operations by observing the patterns created by doing integer operations.

Concept 3: Applying Signed Numbers

8. Students derive the same answer using different operations with signed numbers.
9. Students combine signed number expressions.
10. Students use signed numbers in the context of elevation.