

# Subtracting Integers

## Summary

Students will add integers, solve application problems, and predict the effects of operating with integers as an increase or decrease of original value.

## Main Core Tie

Mathematics Grade 7

[Strand: THE NUMBER SYSTEM \(7.NS\) Standard 7.NS.1](#)

## Materials

Algeblocks and Basic Mats

+ and -- tiles

Wall number line

Graphing calculators

Worksheets: [Walking The Number Line To Subtract Integers](#) (two-sided page), [Subtracting Integers With Algeblocks](#), [Walking The Number Line Integer Addition and Subtraction Practice](#)

## Background for Teachers

Enduring Understanding (Big Ideas):

Operations with integers

Essential Questions:

How can a subtraction expression be re-written using an equivalent, related addition expression?

How can the difference between two integers be found?

Skill Focus:

Subtracting integers

Vocabulary Focus:

Difference, opposite, related addition expression.

Ways to Gain/Maintain Attention (Primacy):

Technology, movement, music, drawing, cooperative activity.

## Instructional Procedures

### Assessment Plan

Performance, questions.

### Bibliography

This lesson plan was created by Linda Bolin.

### Authors

[Utah LessonPlans](#)