

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](#)