

Identity and Equality Properties

Summary

The student will understand the Identity and Equality Properties

Main Core Tie

Mathematics Grade 7

[Strand: EXPRESSIONS AND EQUATIONS \(7.EE\) Standard 7.EE.1](#)

Time Frame

1 class periods of 45 minutes each

Group Size

Pairs

Life Skills

Thinking & Reasoning, Systems Thinking

Background for Teachers

This lesson makes use of ipads

Student Prior Knowledge

students should be familiar with ipads

Intended Learning Outcomes

Students will understand and be able to use the Identity and Equality Properties.

Instructional Procedures

Note: All materials are available on the website listed on the materials tab. The lesson starts with the pre-assessment, then the teacher presents the powerpoint lesson properties_of_identity_and_equality.ppt to the class as a large group. The students then explore the websites "Classifying numbers" and "Properties of real numbers" using ipads. Homework is hw_identity_and_equality_properties.pdf

Strategies for Diverse Learners

struggling students may use study_guide_identity_and_equality.pdf as homework.

Extensions

A video of the lesson is downloadable and may be posted on the class website for review by students outside the classroom.

Rubrics

[Math Problem Solving Rubric](#)

Bibliography

open-source materials from Henrico County Schools

Authors

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