

CH. 1 Principles of Algebra

Lesson: 1-1 Evaluating algebraic expressions
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

Lesson Objective

Students evaluate algebraic expressions.

Teaching Procedure

Read/discuss page(s) 6-7. Work Guided Practice Exercises with the class on page(s) 8.

Homework Assignment

Workbook 1-1.

Lesson: 1-2 Writing algebraic expressions
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any******Lesson Objective**

Students translate between algebraic expressions and word phrases.

Teaching Procedure

Read/discuss page(s) 10-11. Work Guided Practice Exercises with the class on page(s) 12.

Homework Assignment

Workbook 1-2.

Lesson: 1-3 Properties of numbers
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any******Lesson Objective**

Students apply properties of numbers and find counterexamples.

Teaching Procedure

Read/discuss page(s) 14-15. Work Guided Practice Exercises with the class on page(s) 16.

Homework Assignment

Workbook 1-3.

Lesson: 1-4 Integers and absolute value
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students compare and order integers and evaluate expressions containing absolute values.

Teaching Procedure

Read/discuss page(s) 18-19. Work Guided Practice Exercises with the class on page(s) 20.

Homework Assignment

Workbook 1-4.

Lesson: 1-5 Adding integers
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students add integers.

Teaching Procedure

Read/discuss page(s) 22-23. Work Guided Practice Exercises with the class on page(s) 24.

Homework Assignment

Workbook 1-5.

Lesson: 1-6 Subtracting integers
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students subtract integers.

Teaching Procedure

Read/discuss page(s) 26-27. Work Guided Practice Exercises with the class on page(s) 28.

Homework Assignment

Workbook 1-6.

Lesson: 1-7 Multiplying and dividing integers
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students multiply and divide integers.

Teaching Procedure

Read/discuss page(s) 30-31. Work Guided Practice Exercises with the class on page(s) 32.

Homework Assignment

Workbook 1-7.

Lesson: 1-8 Solving equations by adding or subtracting
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students solve equations using addition and subtraction.

Teaching Procedure

Read/discuss page(s) 38-40. Work Guided Practice Exercises with the class on page(s) 41.

Homework Assignment

Workbook 1-8.

Lesson: 1-9 Solving equations by multiplying or dividing
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students solve equations using multiplication and division.

Teaching Procedure

Read/discuss page(s) 43-45. Work Guided Practice Exercises with the class on page(s) 45-46.

Homework Assignment

Workbook 1-9.

Lesson: 1-10 Introduction to inequalities
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students solve and graph inequalities.

Teaching Procedure

Read/discuss page(s) 48-49. Work Guided Practice Exercises with the class on page(s) 50.

Homework Assignment

Workbook 1-10.

Lesson: Test

Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

Student Evaluation

Administer test on page 59.