

**CH. 11 Multi-Step Equations and Inequalities**

**Lesson:** 11-1 Simplifying algebraic expressions  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

**Lesson Objective**

Students combine like terms in an expression.

**Teaching Procedure**

Read/discuss p. 588-589. Work p. 590 #1-18 at the board.

**Homework Assignment**

Workbook 11-1.

**Lesson:** 11-2 Solving multi-step equations  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

**Lesson Objective**

Students solve multi-step problems.

**Teaching Procedure**

Read/discuss p. 592-593. Work p. 594 #1-11 at the board.

**Homework Assignment**

Workbook 11-2.

**Lesson:** 11-3 Solving equations with variables on both sides  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

**Lesson Objective**

Students solve equations with variables on both sides of the equal sign.

**Teaching Procedure**

Read/discuss p. 597-599. Work p. 600 #1-9 at the board.

**Homework Assignment**

Workbook 11-3.

**Lesson:** 11-4 Solving inequalities by multiplying or dividing  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

Students solve and graph inequalities by using multiplication or division.

**Teaching Procedure**

Read/discuss p. 604-605. Work p. 606 #1-9 at the board.

**Homework Assignment**

Workbook 11-4.

**Lesson:** 11-5 Solving multi-step inequalities  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

Students solve multi-step inequalities and graph the solutions of an inequality on a number line.

**Teaching Procedure**

Read/discuss p. 608-609. Work p. 610 #1-13 at the board.

**Homework Assignment**

Workbook 11-5.

**Lesson:** 11-6 Systems of equations  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

Students solve systems of equations.

**Teaching Procedure**

Read/discuss p. 612-613. Work p. 614 #1-12 at the board.

**Homework Assignment**

Workbook 11-6.

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

**\*\*Correct Homework, if any\*\*****Student Evaluation**

Administer test on p. 623.

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