

**CH. 2 Integers and rational numbers**

**Lesson:** 2-1 Integers  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

**Lesson Objective**

Students compare and order integers and determine absolute value.

**Teaching Procedure**

Read/discuss page(s) 72-73. Work Guided Practice Exercises with the class on page(s) 74.

**Homework Assignment**

Workbook 2-1.

**Lesson:** 2-2 Adding integers  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

**Lesson Objective**

Students add integers.

**Teaching Procedure**

Read/discuss page(s) 80-81. Work Guided Practice Exercises with the class on page(s) 82.

**Homework Assignment**

Workbook 2-2.

**Lesson:** 2-3 Subtracting integers  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

**Lesson Objective**

Students subtract integers.

**Teaching Procedure**

Read/discuss page(s) 86-87. Work Guided Practice Exercises with the class on page(s) 88.

**Homework Assignment**

Workbook 2-3.

**Lesson:** 2-4 Multiplying and dividing integers  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students multiply and divide integers.

**Teaching Procedure**

Read/discuss page(s) 92-93. Work Guided Practice Exercises with the class on page(s) 94.

**Homework Assignment**

Workbook 2-4.

**Lesson:** 2-5 Solving equations containing integers  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students solve one-step equations with integers.

**Teaching Procedure**

Read/discuss page(s) 98-99. Work Guided Practice Exercises with the class on page(s) 100.

**Homework Assignment**

Workbook 2-5.

**Lesson:** 2-6 Prime factorization  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students find the prime factorizations of composite numbers.

**Teaching Procedure**

Read/discuss page(s) 104-105. Work Guided Practice Exercises with the class on page(s) 106.

**Homework Assignment**

Workbook 2-6.

**Lesson:** 2-7 Greatest common factor  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students find the greatest common factor of two or more whole numbers.

**Teaching Procedure**

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Read/discuss page(s) 108-109. Work Guided Practice Exercises with the class on page(s) 110.

### Homework Assignment

Workbook 2-7.

**Lesson:** 2-8 Least common multiple  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

### Lesson Objective

Students find the least common multiple of two or more whole numbers.

### Teaching Procedure

Read/discuss page(s) 112-113. Work Guided Practice Exercises with the class on page(s) 114.

### Homework Assignment

Workbook 2-8.

**Lesson:** 2-9 Equivalent fractions and mixed numbers  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

### Lesson Objective

Students identify, write and convert between equivalent fractions and mixed numbers.

### Teaching Procedure

Read/discuss page(s) 118-119. Work Guided Practice Exercises with the class on page(s) 120.

### Homework Assignment

Workbook 2-9.

**Lesson:** 2-10 Equivalent fractions and decimals  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

### Lesson Objective

Students write fractions as decimals, and vice versa, and determine whether a decimal is terminating or repeating.

### Teaching Procedure

Read/discuss page(s) 122-123. Work Guided Practice Exercises with the class on page(s) 124.

### Homework Assignment

Workbook 2-10.

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**Lesson:** 2-11 Comparing and ordering rational numbers  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

### **Lesson Objective**

Students compare and order fractions and decimals.

### **Teaching Procedure**

Read/discuss page(s) 126-127. Work Guided Practice Exercises with the class on page(s) 128.

### **Homework Assignment**

Workbook 2-11.

**Lesson:** Test  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

### **Student Evaluation**

Administer test on page 137.