

**CH. 13 Sequences and Functions**

**Lesson:** 13-1 Terms of arithmetic sequences  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

**Lesson Objective**

Students identify and find terms in an arithmetic sequence.

**Teaching Procedure**

Read/discuss p. 682-684. Work p. 685 #1-17 at the board.

**Homework Assignment**

Workbook 13-1.

**Lesson:** 13-2 Terms of geometric sequences  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

**Lesson Objective**

Students identify and find terms in a geometric sequence.

**Teaching Procedure**

Read/discuss p. 687-689. Work p. 689 #1-9 at the board.

**Homework Assignment**

Workbook 13-2.

**Lesson:** 13-3 Other sequences  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

**Lesson Objective**

Students find patterns in sequences.

**Teaching Procedure**

Read/discuss p. 693-695. Work p. 695-696 #1-12 at the board.

**Homework Assignment**

Workbook 13-3.

**Lesson:** 13-4 Linear functions  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

Students identify and write linear functions.

**Teaching Procedure**

Read/discuss p. 700-701. Work p. 702 #1-6 at the board.

**Homework Assignment**

Workbook 13-4.

**Lesson:** 13-5 Exponential functions  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

Students identify and graph exponential functions.

**Teaching Procedure**

Read/discuss p. 704-705. Work p. 706 #1-8 at the board.

**Homework Assignment**

Workbook 13-5.

**Lesson:** 13-6 Quadratic functions  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

Students identify and graph quadratic functions.

**Teaching Procedure**

Read/discuss p. 708-709. Work p. 710 #1-4 at the board.

**Homework Assignment**

Workbook 13-6.

**Lesson:** 13-7 Inverse variation  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 8

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

Students recognize inverse variation.

**Teaching Procedure**

Read/discuss p. 714-715. Work p. 716 #1-7 at the board.

**Homework Assignment**

Workbook 13-7.

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

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

### **Student Evaluation**

Administer test on p. 725.