

**CH. 8 Geometric Figures**

**Lesson:** 8-1 Building blocks of geometry  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**Lesson Objective**

Students identify and describe geometric figures.

**Teaching Procedure**

Read/discuss p. 448-449. Work p. 450 #1-6 at the board.

**Homework Assignment**

Workbook 8-1.

**Lesson:** 8-2 Classifying angles  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students identify angles and angle pairs.

**Teaching Procedure**

Read/discuss p. 454-455. Work p. 456 #1-9 at the board.

**Homework Assignment**

Workbook 8-2.

**Lesson:** 8-3 Line and angle relationships  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students identify parallel, perpendicular, and skew lines, and angles formed by a transversal.

**Teaching Procedure**

Read/discuss p. 460-461. Work p. 462 #1-6 at the board.

**Homework Assignment**

Workbook 8-3.

**Lesson:** 8-4 Properties of circles  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

**Lesson Objective**

Students identify parts of a circle and find central angle measures.

**Teaching Procedure**

Read/discuss p. 468-469. Work p. 470 #1-4 at the board.

**Homework Assignment**

Workbook 8-4.

**Lesson:** 8-5 Classifying polygons

**Author:** Mr. Hilvers

**Endorsed:** St. Lawrence School

**Level:** Grade 7

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

**Lesson Objective**

Students identify and name polygons.

**Teaching Procedure**

Read/discuss p. 474-475. Work p. 476 #1-9 at the board.

**Homework Assignment**

Workbook 8-5.

**Lesson:** 8-6 Classifying triangles

**Author:** Mr. Hilvers

**Endorsed:** St. Lawrence School

**Level:** Grade 7

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

**Lesson Objective**

Students classify triangles by their side lengths and angle measures.

**Teaching Procedure**

Read/discuss p. 478-479. Work p. 480 #1-8 at the board.

**Homework Assignment**

Workbook 8-6.

**Lesson:** 8-7 Classifying quadrilaterals

**Author:** Mr. Hilvers

**Endorsed:** St. Lawrence School

**Level:** Grade 7

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

**Lesson Objective**

Students name, identify, and draw types of quadrilaterals.

**Teaching Procedure**

Read/discuss p. 482-483. Work p. 484 #1-5 at the board.

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## Homework Assignment

Workbook 8-7.

**Lesson:** 8-8 Angles in polygons  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

### Lesson Objective

Students find the measures of angles in polygons.

### Teaching Procedure

Read/discuss p. 486-487. Work p. 488 #1-9 at the board.

## Homework Assignment

Workbook 8-8.

**Lesson:** 8-9 Congruent figures  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

### Lesson Objective

Students identify congruent figures and use congruence to solve problems.

### Teaching Procedure

Read/discuss p. 492-493. Work p. 494 #1-7 at the board.

## Homework Assignment

Workbook 8-9.

**Lesson:** 8-10 Translations, Reflections and rotations  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

### Lesson Objective

Students recognize, describe, and show transformations.

### Teaching Procedure

Read/discuss p. 496-498. Work p. 498-499 #1-7 at the board.

## Homework Assignment

Workbook 8-10.

**Lesson:** 8-11 Symmetry

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

This is a short description of this lesson

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

### Lesson Objective

Students identify symmetry in figures.

### Teaching Procedure

Read/discuss p. 504-505. Work p. 506 #1-9 at the board.

### Homework Assignment

Workbook 8-11.

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

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

### Student Evaluation

Administer test on p. 517.