

CH. 8 Perimeter, Area, and Volume

Lesson: 8-1 Perimeter and area of rectangles and parallelograms
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

Lesson Objective

Students find perimeter and area of rectangles and parallelograms.

Teaching Procedure

Read/discuss p. 392-394. Work p. 395 #1-9 at the board.

Homework Assignment

Workbook 8-1.

Lesson: 8-2 Perimeter and area of triangles and trapezoids
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

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

Students find the perimeter and area of triangles and trapezoids.

Teaching Procedure

Read/discuss p. 398-400. Work p. 400-401 #1-11 at the board.

Homework Assignment

Workbook 8-2.

Lesson: 8-3 Circles
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

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

Students find the area and circumference of circles.

Teaching Procedure

Read/discuss p. 404-405. Work p. 406 #1-6 at the board.

Homework Assignment

Workbook 8-3.

Lesson: 8-4 Three-dimensional figures
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

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

Lesson Objective

Students draw and identify parts of three-dimensional figures.

Teaching Procedure

Read/discuss p. 412-413. Work p. 414 #1-5 at the board.

Homework Assignment

Workbook 8-4.

Lesson: 8-5 Volume of prisms and cylinders
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

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

Lesson Objective

Students find the volume of prisms and cylinders.

Teaching Procedure

Read/discuss p. 417-419. Work p. 420 #1-6 at the board.

Homework Assignment

Workbook 8-5.

Lesson: 8-6 Volume of pyramids and cones
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

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

Lesson Objective

Students find volume of pyramids and cones.

Teaching Procedure

Read/discuss p. 424-426. Work p. 426-427 #1-9 at the board.

Homework Assignment

Workbook 8-6.

Lesson: 8-7 Surface area of prisms and cylinders
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

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

Lesson Objective

Students find the surface area of prisms and cylinders.

Teaching Procedure

Read/discuss p. 431-432. Work p. 433 #1-5 at the board.

Homework Assignment

Workbook 8-7.

Lesson: 8-8 Surface area of pyramids and cones
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

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

Lesson Objective

Students find the surface area of pyramids and cones.

Teaching Procedure

Read/discuss p. 436-437. Work p. 438 #1-5 at the board.

Homework Assignment

Workbook 8-8.

Lesson: 8-9 Spheres
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

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

Lesson Objective

Students find the volume and surface area of spheres.

Teaching Procedure

Read/discuss p. 440-441. Work p. 442 #1-9 at the board.

Homework Assignment

Workbook 8-9.

Lesson: 8-10 Scaling three-dimensional figures
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

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

Lesson Objective

Students make scale models of solid figures.

Teaching Procedure

Read/discuss p. 444-445. Work p. 446 #1-5 at the board.

Homework Assignment

Workbook 8-10.

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

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

Student Evaluation

Administer test on p. 455.