

CH. 5 Graphs and Functions

Lesson: 5-1 The coordinate plane
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 7

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

Lesson Objective

Students plot and identify ordered pairs on a coordinate plane.

Teaching Procedure

Read/discuss p. 276-277. Work p. 278 #1-12 at the board.

Homework Assignment

Workbook 5-1.

Lesson: 5-2 Interpreting graphs
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 7

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

Lesson Objective

Students relate graphs to situations.

Teaching Procedure

Read/discuss p. 280-281. Work p. 282 #1-2 at the board.

Homework Assignment

Workbook 5-2.

Lesson: 5-3 Functions, tables and graphs
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 7

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

Lesson Objective

Students use function tables to generate and graph ordered pairs.

Teaching Procedure

Read/discuss p. 284-285 Work p. 286 #1-5 at the board.

Homework Assignment

Workbook 5-3.

Lesson: 5-4 Sequences

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

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

Lesson Objective

Students find patterns to complete sequences using function tables.

Teaching Procedure

Read/discuss p. 288-289. Work p. 290 #1-7 at the board.

Homework Assignment

Workbook 5-4.

Lesson: 5-5 Graphing linear functions
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 7

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

Lesson Objective

Students identify and graph linear equations.

Teaching Procedure

Read/discuss p. 296-297. Work p. 298 #1-3 at the board.

Homework Assignment

Workbook 5-5.

Lesson: 5-6 Slope and rates of change
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 7

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

Lesson Objective

Students determine the slope of a line and recognize constant and variable rates of change.

Teaching Procedure

Read/discuss p. 302-304. Work p. 304 -305 #1-10 at the board.

Homework Assignment

Workbook 5-6.

Lesson: 5-7 Slope-intercept form
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 7

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

Students use slope and intercepts to graph linear equations.

Teaching Procedure

Read/discuss p. 308-310. Work p. 310 -311 #1-9 at the board.

Homework Assignment

Workbook 5-7.

Lesson: 5-8 Direct variation
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 7

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

Students identify, write, and graph an equation of direct variation.

Teaching Procedure

Read/discuss p. 313-315. Work p. 316 #1-9 at the board.

Homework Assignment

Workbook 5-8.

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

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

Administer test on p. 327.