

Advanced Algebra Assignments

Chapter Two: Functions, Equations, and Graphs

In this chapter, you will:

- graph relations and identify functions
- write linear equations, including point-slope form
- use linear models to write linear equations and make predictions
- graph two-variable inequalities
- graph linear equations, including point-slope form
- identify and graph absolute value functions and graphs
- analyze the families of absolute value functions

Tentative problems, quizzes, tests, and activities for this chapter:

Section / Chapter	Type of assignment	Pages (as applies)	Problems
2-1	Homework	59 – 61 112	1, 6, 8, 13, 16, 18-22, 24, 30, 32, 37, 38, 50, 51, 53, 73 3 – 10
2-2	Homework	67 – 68	1, 4, 6, 10, 14, 17, 18, 33, 38 – 41, 44, 45, 51-54, 58 22, 25, 28, 31 (For these four questions, write each equation in standard form, point-slope form, AND slope-intercept form)
2-4	Homework	81 – 82	1-4, 7, 12, 19
2-5/2-6	Homework	Worksheet	1 – 9
2-7	Homework	Worksheet 105	10 – 18 36 – 42
Ch. 2	Homework	109	6-19, 26, 29-39, 42-46
Ch. 2	Test	N/A	N/A

Advanced Algebra Assignments

Chapter Two: Functions, Equations, and Graphs

In this chapter, you will:

- graph relations and identify functions
- write linear equations, including point-slope form
- use linear models to write linear equations and make predictions
- graph two-variable inequalities
- graph linear equations, including point-slope form
- identify and graph absolute value functions and graphs
- analyze the families of absolute value functions

Tentative problems, quizzes, tests, and activities for this chapter:

Section / Chapter	Type of assignment	Pages (as applies)	Problems
2-1	Homework	59 – 61 112	1, 6, 8, 13, 16, 18-22, 24, 30, 32, 37, 38, 50, 51, 53, 73 3 – 10
2-2	Homework	67 – 68	1, 4, 6, 10, 14, 17, 18, 33, 38 – 41, 44, 45, 51-54, 58 22, 25, 28, 31 (For these four questions, write each equation in standard form, point-slope form, AND slope-intercept form)
2-4	Homework	81 – 82	1-4, 7, 12, 19
2-5/2-6	Homework	Worksheet	1 – 9
2-7	Homework	Worksheet 105	10 – 18 36 – 42
Ch. 2	Homework	109	6-19, 26, 29-39, 42-46
Ch. 2	Test	N/A	N/A