

Sample Algebra Assignment Sheet

Learning Targets

1. Recognize the difference between a function and relation, and determine domain and range.
2. Represent a linear function as a mapping, table, ordered pairs, graph, or equation.
3. Determine the slope of a line from a graph.
4. Determine the slope of parallel and perpendicular lines.
5. Graph a line in point-slope form.
6. Graph a line in slope-intercept form by hand and by using a calculator.
7. Graph a line in standard form.
8. Convert an equation into slope-intercept form or standard form.
9. Graph a linear inequality.

Assignments

These assignments must be completed. They will be graded for homework points.

Directions:

- Write down the original problem, show your work, and circle the answer.
- Check your work.

Learning Targets	Date	Assignment
1. Introduction to relations and functions, domain, and range (learning target 1)	Assigned November 2 and due November 3	Worksheet 1
2. Slope and parallel and perpendicular slopes (learning targets 3 and 4)	Assigned November 3 and due November 4	Worksheet 2
3. Relating events to equations and graphs (learning targets 1 and 2)	Assigned November 4 and due November 7	Worksheet 3
4. Relating events to equations and graphs (learning targets 1 and 2)	Assigned November 7 and due November 9	Worksheet 4
Quiz tentative date: November 8		
5. Graphing from point-slope (learning targets 5 and 8)	Assigned November 9 and due November 10	Worksheet 5
6. Slope-intercept form (learning targets 6 and 8)	Assigned November 10 and due November 14	Worksheet 6

Learning Targets	Date	Assignment
7. Standard form (learning targets 7 and 8)	Assigned November 14 and due November 15	Worksheet 7
8. Vertical and horizontal lines (learning target 7)	Assigned November 15 and due November 16	Worksheet 8
Quiz (worksheet 9) tentative date: November 17		
9. More with parallel and perpendicular slopes (learning target 4)	Assigned November 17 and due November 18	pp. 346–348: 2, 4, 5, 7, 10, 21–24, 32–35, 41, and 42
10. Graphing linear inequalities (learning target 9)	Assigned November 18 and due November 21	Worksheet 10
11. More with graphing linear inequalities (learning target 9)	Assigned November 21 and due November 22	pp. 407–408: 4–10, 15, 16, 27, 31, 42, and 4
Cumulative test tentative date: November 23		

Test Tips

- Study for your test!
- Review your learning targets before the test. Retry problems or worksheets.
- Visit <http://sites.google.com/site/shsalgebrasite> for additional practice on each learning target.