Module 4 – Linear Functions and Their Graphs

Lesson 4 – Linear Function: Its Equation and Graph

Homework 1

Name

Solve for the *x-intercept* and *y-intercept* of each equations.

Write each intercept as a coordinate. Show all work.

Solve for the equation of the line given the following conditions. Write each answer in standard form.

1. Line passing through the points (-1, -5) and (3, 2).
2. Line passing through (2, 5) with a slope of .
3. Line with a slope of and y-intercept of 2.
4. Line passing through the points (1, -3) and (2, 6).
5. Line passing through (-1, 6) with a slope of