Module 4 – Linear Functions and Their Graphs

Lesson 4 – Linear Function: Its Equation and Graph

Homework 2

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 having an x-intercept of 3 and y-intercept of 7
2. Line passing through (0, -7) and (2, 0).
3. Line passing through (-1, 6) having a slope of
4. Line having a slope of and y-intercept of -3
5. Line having an x-intercept of 5 and y-intercept of -4
6. Line passing through the points (-5, 0) and (-3, -1)