Assignment: Answer the following questions: Define the following terms and give examples: origin quadrant function Identify the equality and inequality symbols, and provide what their meanings are? Use the distributive property to write each expression: 5(x + 4m + 2) b. -4(4 + 2p + 5) +16 c. -⅕ (10a - 25b) Solve 2x - 3 > 4(x - 1) and graph the solution set. What is a linear equation? Graph the linear equation y = 4x choosing 3 variable (-1, 0, 2). What are intercepts? Identify the (x, y) intercepts for problem #5. What is the slope of a line? and the formula of a slope? Find the slope of a line (-3, -1) and (3, 1). Write an equation of the line that wraith each given slope, m, and y-intercept, (0,b): m = 5, b = 3 b. m = -3, b = -3 Find f(-2), f(0), f(3) for each function: f(x) = x f(x) = 2x - 5 Assignment Expectations Length: 500+ words; answers must thoroughly address the questions in a clear, concise manner. Structure: Include a title page and reference page in APA style. These do not count towards the minimum word count for this assignment. References: Use the appropriate APA style in-text citations and references for all resources utilized to answer the questions. Include at least three (3) scholarly sources to support your claims. Format: Save your assignment as a Microsoft Word document (.doc or .docx). Filename: Name your saved file according to your first initial, last name, and the assignment number (for example, “RHall Assignment 1.docx”).