MATH 101
Fall 2022
HW 15: Due 11/09

"It is hard to convince a high-school student that he will encounter a lot of problems more difficult than those of algebra and geometry."

−E.W. Howe

Problem 1. (10pt) Find the equation of the line passing through the point $(-1, 8)$ and perpendicular to the x-axis.

Problem 2. (10pt) Find the equation of the line through $(-5, 4)$ that is perpendicular to the line $y = 5 - 3x$.