Name: _____

MATH 101
Fall 2022
HW 16: Due 11/09

"From a child, I had an inordinate desire for knowledge and especially music, painting, flowers, and the sciences, algebra being one of my favorite studies."

– George Washington Carver

Problem 1. (10pt) Find the line perpendicular to $y = \frac{3}{2}x + 6$ that passes through its x-intercept.

Problem 2. (10pt) Solve the following equation:

$$3(x - 1) = 1 - 8x$$