

Name: _____
MATH 101
Fall 2022
HW 14: Due 11/07

*"If you want to have good ideas, you
must have many ideas."*

—Linus Pauling

Problem 1. (10pt) Showing all your work and explaining your reasoning, answer the following:

- (a) Find the equation of the line through $(-5, 9)$ with slope $-\frac{3}{5}$.
- (b) Find the equation of the line through $(0, -4)$ and $(-6, -11)$.

Problem 2. (10pt) Find the equation of the line with x -intercept -7 and y -intercept 3 .