Name: _____

MATH 101
Fall 2021
HW 10: Due 11/05

"Our virtues and our failures are inseparable, like force and matter. When they separate, man is no more."

—Nikola Tesla

Problem 1. (10pt) Factor $x^2 + 7x - 30$. Show all your work.

Problem 2. (10pt) Factor $x^2 - 12x + 36$. Show all your work.

Problem 3. (10pt) Factor $x^2 + 2x - 24$. Show all your work.

Problem 4. (10pt) Factor $2x^2 + 9x - 18$. Show all your work.

Problem 5. (10pt) Factor $18x^2 - 37x - 20$. Show all your work.