MATH250: FOUNDATIONS OF MATHEMATICS
SPRING 2020

Homework 3: due ~~**Wednesday, Feb. 12**~~ **Monday, Feb. 17**

- Section 1.4: 17, 18, 20, 21, 22.

Additional problems:

(1) Prove that the product of four consecutive integers is divisible by 24.

(2) Let n be an integer and $n > 1$. Prove that if one of the numbers $2^n - 1, 2^n + 1$ is prime, then the other one is composite.