CS 230 : Discrete Computational Structures
Section B

Spring Semester, 2021
CLASS ASSIGNMENT #3
TUESDAY, MARCH 2

NAME (LAST, FIRST):

Open notes, open book.

1. [**4 Pts**] Define the set $\{5, 11, 17, \ldots\}$ using set-builder notation.

2. [**4 Pts**] Enumerate the elements in $\{3x + 4 \mid x \in \mathcal{N}\}$.

3. [**4 Pts**] Disprove: If $A - B = A$ then $B = \emptyset$.

4. [**4 Pts**] If $f(x) = 3x$ where the domain and co-domain are real numbers. Is f one-to-one and onto?