Homework #7

Due: Friday July 31st, 2020 by 5 p.m (MST).

Instructions:

1. Homework assignments are to be completed individually, **not** in groups.

2. If you need help, take advantage of Piazza and office hours.

3. Assignments are to be submitted in PDF form. They may be typed (which is preferable and strongly recommended) or handwritten with each page scanned or photographed and compiled into a single PDF.

4. If you choose to handwritten your assignments, please write neatly. Illegible assignments may not be graded.

5. Extra credit will be given for typed homework. To make this easier, a `Latex` template will be provided for each assignment.

6. Show your work (when appropriate) for partial credit!

Section	Exercises	Points
	2 b	2
2.4	4 a	2
	26 c**	2
	34 a	2
2.5	2 a,d	6
	16*	6
	4	7
5.1	6	7
	20	7
5.2	4	7
	26 a	2
	Total	50
	Typed	+2.5

* For this question. "show" ≡ "prove"! Write a complete proof.
** You simply need to state in words the formula or rule for the sequence. You do not need to find the equation for mapping integers to the sequence.