

CSCI 250 - ASSIGNMENT 1

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PART A - 3 PEOPLE CROSSING

- a. Place answer to part a here
- b. Place answer to part b here
- c. Place answer to part c here
- d. Place answer to part d here

2 NEW PEOPLE ARRIVE

- e. Place answer to part e here
- f. Place answer to part f here

PART B

a. Yes it is possible to AAA in to AAABC. The conversion is very simple:

AAA -> BC (Rule 3)

BC -> AAAC (Rule 1)

AAAC -> AAAAAA (Rule 2)

AAAAAA -> AAABC (Rule 3)

b. Using the rules 3, 1, and 2, in that order will add 3 As to any set of 3+ As. Using this knowledge going from eight As to 29 is just repeating rules 3, 1, and 2 7 times and you will have 29 As.

c. place answer to part c here

PART C

- a.
- b.
- c.