

Assignment 2

[illegible]

a. {3,4,5}	0	0	1	1	1	0	0	0	0	0
b. {1,3,6,10}	1	0	1	0	0	1	0	0	0	1
c. {2,3,4,7,8,9}	0	1	1	1	0	0	1	1	1	0

7. Using $U = \{1,2,3,4,5,6,7,8,9,10\}$

a) $1111001111 = \{1,2,3,4,7,8,9,10\}$

b) $0101111000 = \{2,4,5,6,7\}$

c) $1000000001 = \{1,10\}$

8. $A_i = \{\dots -2, -1, 0, 1, \dots, i\}$

a) $\{\dots -2, -1, 0, 1, \dots\}$

b) $\{1\}$