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CS 278 HW 8
      3.3.1 b) A \cap B = \{1, 43\}

f) A \cup C = \{24, 0, x \in Z: x : s \text{ odd } \}

s) (A \cup B) \cap C = \{-5, -3, 1, 17\}

h) A \cup (C \cap D) = \{-3, 0, 1, 4, 17\}
      3.3.7 b) (UAi) A {x \ Z: 1 \ x \ 203
               = £ 7,3,4,5,6,8,9,10,12,14,
15,16,18,203
The set of all positive multiples to 5:
2,3,4,5 that is £20
      3.3.3 b) Vi=z Ai, Ai = {i0,i1,i2}
                  = £1, 7, 4, 3, 9, 16, 5, 75 3
               A) U; 100 Bi Bi = {x € R: -i≤x ≤ 1/i3
                   = ExER: -100 = z = 13
             e) Ni=1 Li Li= {z \in R:-1/i \in 1/i }
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9

9

9

9

3

3

3

2

3

2

3.3.4 b) P(AUB) A= {a,b} = {0,{a},{b},{c},{c}, {b,c},{a,c},

d) P(A) U P(B) = {b, {a}, {b}, {a,b}, {c}, {b}, {c}}

3

1

0

1

3

3

2