1,2   1,4,6,7, 13,14,17,25,26

1. a) {a,b,c,d,e,f,g}   13.a) true
   b) {a,c,d,e,f,g}   b) true
   c) {a,c}   c) false
   d) {f}   d) false
   e) {b,d,e,g}
   f) {a,b,c}   14. A∪B, B∪C, C∪A,
   g) {d,e,f,h,k}   A∪B∪C, A∪B
   h) {a,b,c,d,e,f}
   I) {b,f,g}   Didn't do
   j) {g}   ? 17. a) |a∪b| = |a| + |b| - |A∩B|
                              10 = 6 + 7 - 3
                          b)   11 = 5 + 6 - 0

4. 4. {a,b,c,g}
   b) {a,b,c,d,e,f,g,h,k}
   c) {d,e,f,g}
   d) {B,d,e,g,h,k}   Didn't
   e) {b,d,e,g}   do
   f) {A,c,f,g,h,k}   25. a) 260-156
                             b)
                         CS=|CS| - |M∩CS| - |B∩CS| +
                             |M∩CS∩B|

6. a) {1,6,8}
   b) {5,9}
   c) {1,2,3,4}
   d) {5,6,7,8,9}   Didn't
   e) {3,5,7,9}   do
   f) {8}   26. a)
   g) {1,2,3,4,7,8}
   h) {1,3,5,9}

7. a) {1,2,3,4,5,6,8,9}
   b) {2,4}
   c) {1,2,4}
   d) {8}
   e) {3,7}   f) {1,3,5,6,7,8,9}