Architecture Exercises
Motorola Training Notes 1-32 through 1-33

Answers
1. Y1, Y0
2.
   a) E bit
   b) U bit
   c) S bit
   d) V bit
   e) S, L bits
   f) C bit
   g) A, B
   h) X0, X1, Y0, Y1
3. S bit; S1, S0
4. A
5. C
6. A, B
7. A, B
8. A, B, C
9. A, B, D
10. B
11.
   a) $123456
   b) $012346
   c) $7FFFFFF (rounding has no meaning)
   d) $800000 (rounding has no meaning)
   e) $012346

If you feel any of these answers are in error, please notify Prof. Phillip De Leon.