Problem of the Block
Block 1

A group of friends has gotten together for dinner, and just for fun they’re comparing their "social networking" stats on Facebook, Twitter and LinkedIn. Using only the clues that follow, determine the number of friends (Facebook), followers (Twitter) and connections (LinkedIn) each person has. Remember, as with all grid-based logic puzzles, no option in any category will ever be used more than once. This puzzle is from logic-puzzles.org.

Active Clues
1. Sheri is either the person with 809 Twitter followers or the one with 750 Twitter followers.
2. Frank doesn’t have exactly 57 LinkedIn connections.
3. Of the person with 78 LinkedIn connections and the person with 654 Twitter followers, one has 160 Facebook friends and the other has 150 Facebook friends.
4. Neither the one with 150 Facebook friends nor the one with 160 Facebook friends is Sheri.
5. Inez has 72 LinkedIn connections.
6. The person with 130 Facebook friends has 804 Twitter followers.
7. The one with 57 LinkedIn connections has 10 fewer Facebook friends than the one with 804 Twitter followers.
8. The person with 150 Facebook friends doesn’t have exactly 809 Twitter followers.
9. Neither the one with 140 Facebook friends nor the one with 809 Twitter followers is the person with 64 LinkedIn connections.
10. The five people are the person with 654 Twitter followers, the person with 150 Facebook friends, the person with 59 LinkedIn connections, Neil and the person with 57 LinkedIn connections.
11. Sheri doesn’t have exactly 120 Facebook friends.

Turn in solutions to Dr. Skorczewski in Law 204 or by email at tskorczewski@cornellcollege.edu by September 27. Partial solutions will receive credit (and are encouraged!). For more information about the Problem of the Block and to print off your own copy visit http://www.cornellcollege.edu/mathematics/problem-of-the-block/index.shtml.