



Activity 2: Plurality Voting

Solutions

A.

1.

a. 751

b. No, Gail received 660 votes, Ricco 450, Shawn 390, and Twanda 0.

c. By the Plurality Method, Gail won the election.

d. 660

B.

1. $N - 1$ rounds are required to complete the election.

2.

a. It will require three rounds.

b. Holly is eliminated because she has received no first-place votes.

c. James is eliminated because he has received only 100 first place votes.

d.

	Number of votes received		
Place	130	120	100
1 st	George	Inez	George
2 nd	Inez	George	Inez

e. Inez is eliminated because George has 230 first-place votes and Inez has only 120.

f. George is the winner because Inez was eliminated.

3. a. In the first round, Twanda is eliminated. In the second round, Shawn is eliminated. In the third round, Gail is eliminated because Ricco has now accumulated 840 first-place votes. Ricco wins the election.