



Activity 1: Borda Count Method

Solutions

A.

1. The total points awarded to a candidate = $4(\text{number of } 1^{\text{st}} \text{ place votes received}) + 3(\text{number of } 2^{\text{nd}} \text{ place votes received}) + 2(\text{number of } 3^{\text{rd}} \text{ place votes received}) + 1(\text{number of } 4^{\text{th}} \text{ place votes received})$
2. Shawn = $4(390) + 3(0) + 2(300 + 450) + 1(360) = 3,420$
3. Gail = $4(300 + 360) + 3(0) + 2(0) + 1(390 + 450) = 3,480$
4. Twanda = $4(0) + 3(390 + 360 + 300 + 450) + 2(0) + 1(0) = 4,500$
5. Ricco = $4(450) + 3(0) + 2(390 + 360) + 1(300) = 3,600$
6. Using the Borda Count method, Twanda wins the election with 4,500 points.

B.

1. 1^{st} place Grizzlies with 1,740 points, 2^{nd} place Broncos with 1,720 points, 3^{rd} place Hoosiers with 1,540 points, 4^{th} place Jets with 1,290 points, and 5^{th} place Indians with 1,210 points