

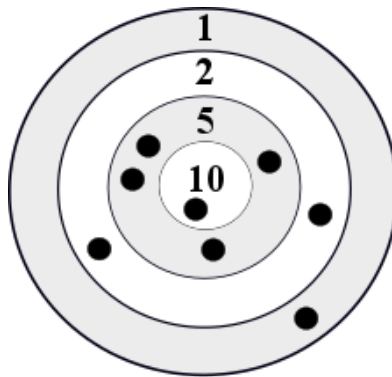


Problem of the Week

Problem B

Who Hit the Middle?

A dart board consists of four regions: an inner circle and three concentric circular bands. Any dart landing in the inner circle will receive 10 points. Any dart landing in the first band will receive 5 points. Any dart landing in the second band will receive 2 points. Any dart landing in the third band will receive 1 point. Serena and Ebony each threw four darts. The locations where the eight darts landed are shown as black dots on the diagram below.



- What was the total number of points scored by the two players?
- If Ebony's total score was 1 more than Serena's, what was each person's score?
- What individual shots could each player have had to get their scores?
- Whose dart landed in the inner circle?