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.

(a) What was the total number of points scored by the two players?

(b) If Ebony’s total score was $1$ more than Serena’s, what was each person’s score?

(c) What individual shots could each player have had to get their scores?

(d) Whose dart landed in the inner circle?