

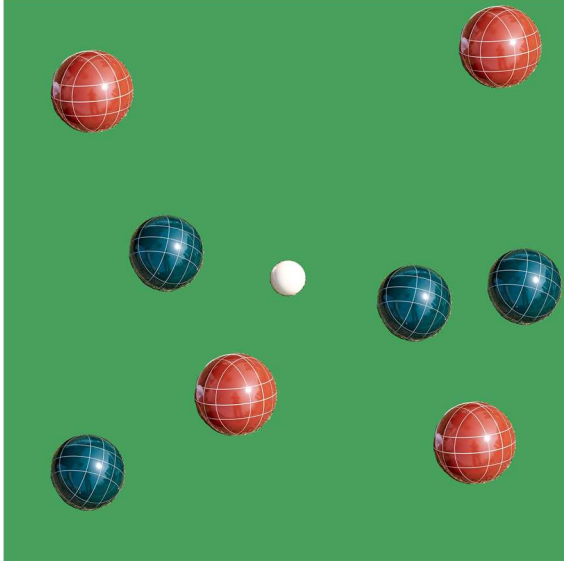
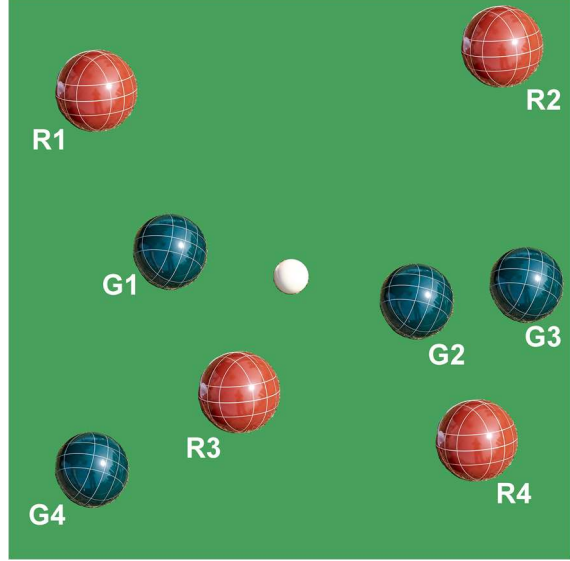

Recommended procedure for determining which bocce ball is “in”

A ball is considered “in” when no ball of the opposite color is closer to the pallino.

No matter how complicated the balls are arranged, determining the number of balls that are in involves determining the state of just 2 balls at one time.

For the purposes of this example, when a ball is determined to be “out” it will be removed from the view.

Figure 1 shows a possible set of balls after a frame is completed. Figure 2 provides annotation for the discussion that follows.

 <p><i>Figure 1 Starting position</i></p>	 <p><i>Figure 2 Annotated Figure 1</i></p>
<p>Referring to Figure 2.</p> <ul style="list-style-type: none">• Identify G1 as a ball that is close to the pallino.• Then compare each red ball to G1.• R1 is clearly out when compared to G1• R2 is clearly out when compared to G1• R3 is too close to call• R4 is clearly out when compared to G1 <p>Thus remove R1, R2, R4 to give Figure 3.</p>	 <p><i>Figure 3 Removed red balls clearly out</i></p>

Pick one red ball. In this case only R3 remains. That is not always the situation.

- Identify R3 as a red ball that is close to the pallino.
- Then compare each green ball to R3
- G1 is too close to call
- G2 is too close to call
- G3 is clearly out
- G4 is clearly out

Thus remove G3 and G4 to give Figure 4

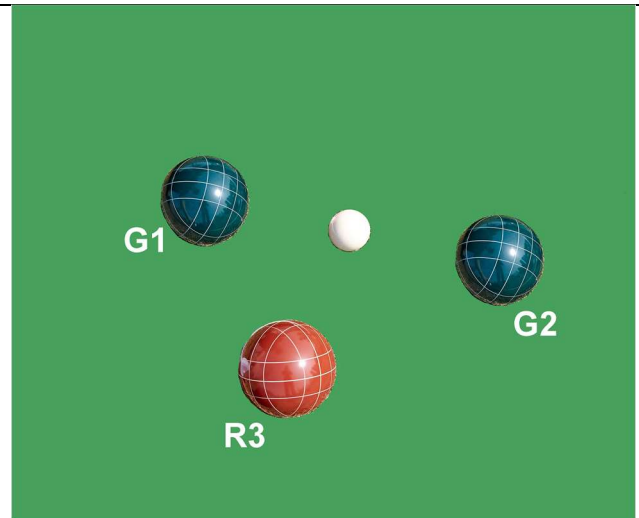


Figure 4 Removed green balls clearly out

Move your point of view so two balls of opposite color are horizontal as show in Figure 5.

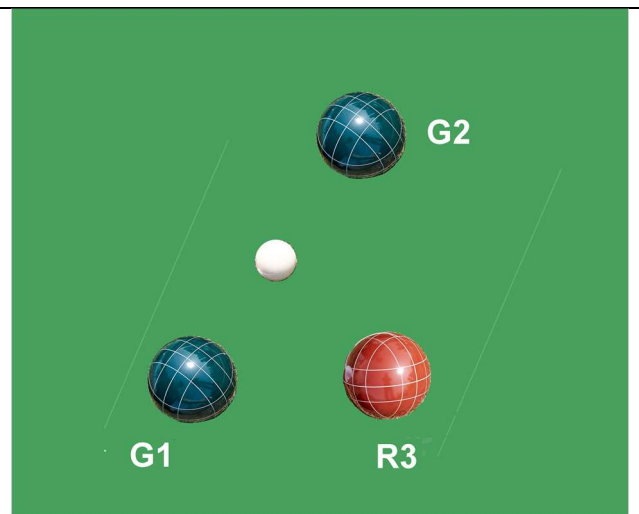


Figure 5 Rotated point of view to make G1-R3 horizontal

In your mines eye, construct two lines.

- One horizontal line connecting G1 and R3
- One perpendicular line that bisects the horizontal line

To give Figure 6.

Since the pallino is mostly left of the vertical line, remove R3 to award Green with 2 points.

If there was another red ball remaining, then repeat the process and position your point of view so the line between the red and green ball is horizontal.

If it is still ambiguous, use a tape measure.



Figure 6 Vertical line passes through the center of pallino