

How to Find the “Center of Gravity”

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1. Starting with an undrilled ball, draw a line through the label, centering that line with the quarter scale. (fig. 1)

2. Balance scale until it reads zero.

3. Rotate ball 90 degrees. (fig. 2)

4. Shift ball, left or right, until scale balances.

5. Center quarter scale on ball and draw a perpendicular line intersecting previous line. (fig. 3)

6. Rotate ball 90 degrees. (fig. 4)

7. Repeat step 4.

8. Repeat step 5. (fig. 5)

9. Rotate ball 90 degrees. (fig. 6)

10. Repeat step 4.

11. Repeat step 5. (fig. 7)

12. Connect corners of box. (fig.8)

13. X marks the Center of Gravity.