

Given the line segment with midpoint at O. If $AO = 2x - 3$ and $BO = x - 1$. Find x.



Question:

- A. 1
- B. 2
- C. 3
- D. 4

Answer:

$$\therefore AO = BO$$

$$\therefore n = 2 \text{ units}$$

$$\therefore 2n - 3 = n - 1$$

$$\therefore 2n - 3 - (n - 1) = 0$$

$$\therefore 2n - 3 - n + 1 = 0$$

$$\therefore n = 2$$

$$\therefore \text{Option B [Ans]}$$

