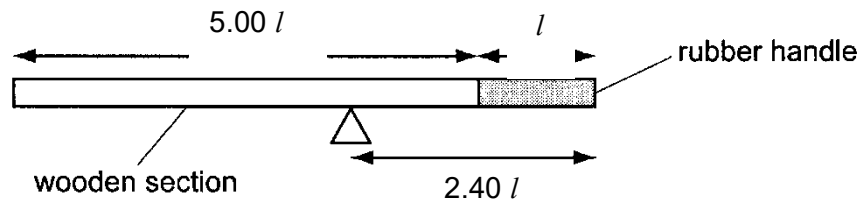


- 7 A uniform rod has a wooden section and a solid rubber handle, as shown.



The length of the handle is l and the length of the wooden section is $5.00\ l$. The rod balances a distance $2.40\ l$ from the rubber end.

What is the ratio $\frac{\text{density of rubber}}{\text{density of wood}}$?

- A** 5.42 **B** 5.00 **C** 2.89 **D** 0.345