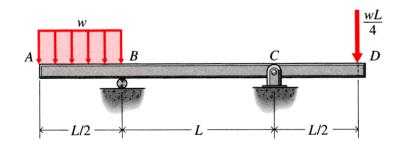
Determine the deflection at a point midway between the supports of the beam shown in the figure below. Show work clearly and put you answer in the box at the bottom of the page.



$$\frac{\omega}{(\frac{1}{4})(\frac{\omega}{2})} = \frac{\omega}{8}$$

$$\frac{(\frac{1}{2})(\frac{\omega}{4})}{(\frac{1}{2})(\frac{1}{2})} = \frac{\omega}{8}$$

$$\frac{\omega}{8}$$

$$\frac{\omega}$$

 $\delta =$