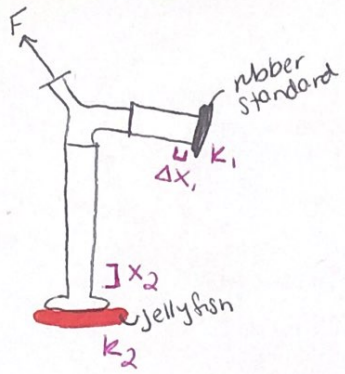

$$F = -kx$$

$$F_1 = -k_1 \cdot \Delta x_1$$

$$F_1 = F_2$$

$$F_2 = -k_2 \cdot \Delta x_2$$

k_2 = spring constant of the jelly

$k_2 = E_2$ where spring constant = Young's modulus

$$E_2 = \frac{\text{Stress}}{\text{Strain}} = \frac{F/A}{\Delta L/L} = 2G(1+\nu)$$ ν = poisson ratio

$$= \frac{9KG}{3K+G}$$ K = bulk modulus