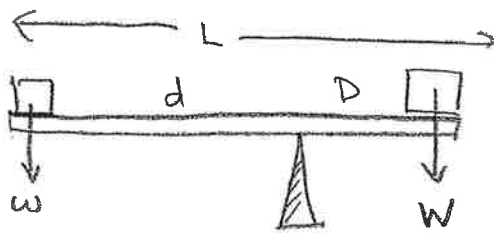


EX 6.1) (Seesaw problem)



$$L = 10$$

$$\frac{W}{3} = \frac{3}{2}$$

So need  $\frac{d}{2} = \frac{3}{2}$

$$D + \frac{3}{2}D = 10 \Rightarrow D \frac{5}{2} = 10 \Rightarrow D = 4$$

So need  $d = 6, D = 4$  feet