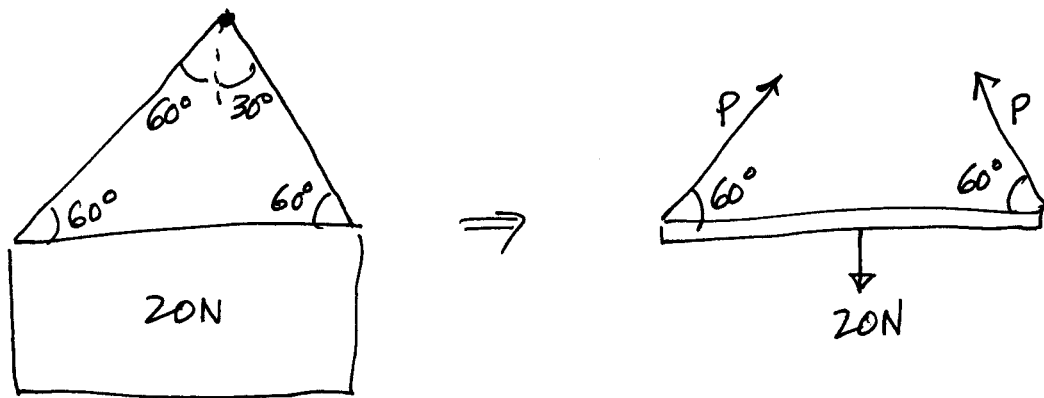


4.14



By symmetry, both sides have the same tension.

$$\begin{aligned} \sum F_y = 0 &\Rightarrow 2P \sin 60^\circ = 20 \\ 2P \left(\frac{\sqrt{3}}{2}\right) &= 20 \\ P &= \frac{20}{\sqrt{3}} = \boxed{11.55\text{N}} \end{aligned}$$