

Figure 1.5 Problem 1.1.

$$\frac{1}{\sqrt{p}} = 6.98 + 3.64 + 1.92 + 1.92 + m$$

$$\frac{1}{\sqrt{p}} = 86.98 + 3.64 + 1.92 + m$$

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1.2 Sketch and label the vectors $\mathbf{r}_{P/O}$, $\mathbf{r}_{P/Q}$, $\mathbf{r}_{Q/P}$ in Figure 1.6.

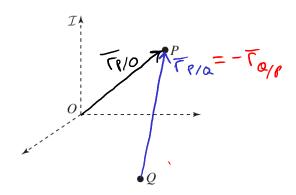


Figure 1.6 Problem 1.2.

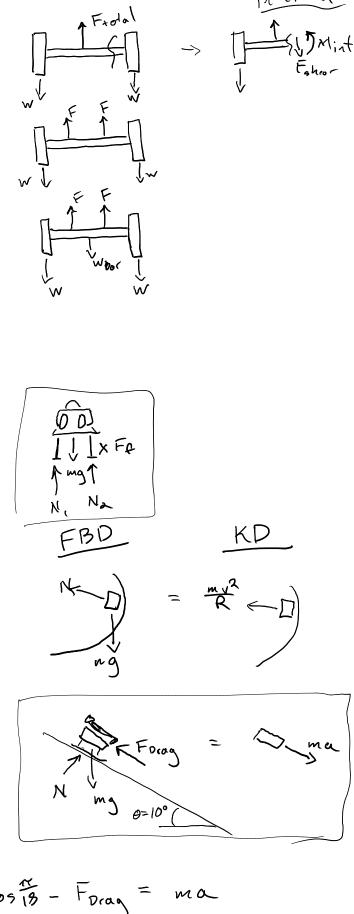
Draw the FBD of barbells



Figure 2.14 Problem 2.6. Image courtesy of Shutterstock.



Figure 2.13 Problem 2.5. Image courtesy of Shutterstock.



eow mgcosis - Frag = ma
$$g^{cosis} - \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{Apv^2}{a} = a$$