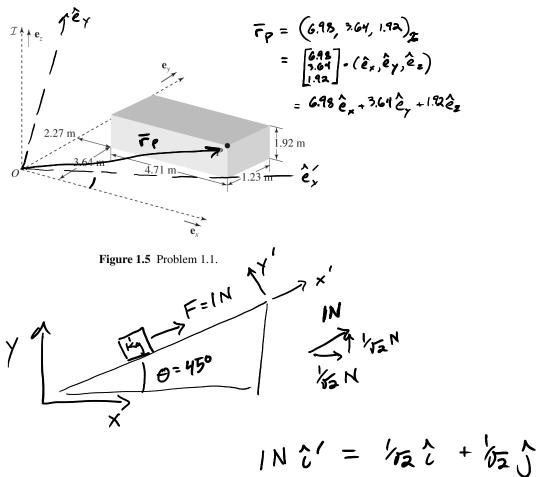
1.1 What are the Cartesian coordinates of point P in frame \mathcal{I} , as shown in Figure 1.5?



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

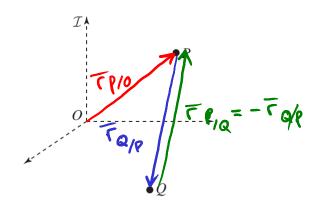


Figure 1.6 Problem 1.2.

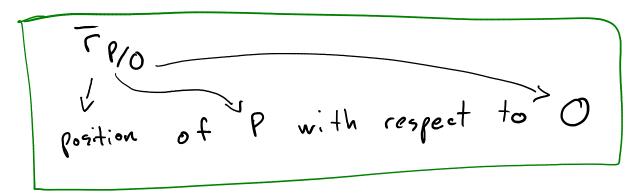




Figure 2.14 Problem 2.6. Image courtesy of Shutterstock.

