

Answers to Problems from section 4.1:

6. ∓ 8 .

16.(a) $\frac{24}{\sqrt{5}} \approx 10.7\text{ft/s}$. (b) $\frac{24}{\sqrt{5}} \approx 10.7\text{ft/s}$.

34. $\frac{80\pi}{3} \approx 83.8 \text{ km/min}$.