

Workshop Exercises: Related Rates

Solutions:

1. $-144\pi \frac{\text{cm}^3}{\text{sec}}$

2. $72 \frac{\text{meters}}{\text{min}}$

3. $\frac{1}{3\pi} \frac{\text{ft}}{\text{sec}}$

4. $-\frac{12}{5} \frac{\text{ft}}{\text{sec}}$

5. boat A

6. $\frac{9}{164} \frac{\text{radians}}{\text{sec}}$