

Section 4.4 Answers:

1) *Area growing $8\pi \text{ ft}^2/\text{sec}$*

3) *Area growing $30\pi \text{ ft}^2/\text{sec}$*

5) *radius growing $\frac{5}{72\pi} \text{ cm/minute}$*

7) *radius growing $\frac{3}{256\pi} \text{ cm/minute}$*