

Answers to Practice Exam I:

The answers to all multiple choice questions are (a).

(13) $\frac{8}{3}$

(14) $\frac{\sqrt{3}\pi}{18}$

(15) $2 \frac{e^{\frac{\ln 2}{24}}}{e^{\frac{\ln 2}{2.4}}}$

(This can be simplified more, but this answer is sufficient.)

(16) 12π