

Review 3 Answers

1. (a) $\frac{\sqrt{2}}{3}$.
(b) $\frac{2}{3}$.
(c) 6.5.
(d) $-2 \ln 2 + 2$.
2. $\frac{1}{\sqrt{3}} - 1$.
3. (a) $2e^{-1} - 2e$.
(b) $\frac{\pi}{12}$.
4. $\frac{32}{15}$.
5. (a) 0.
(b) $\frac{\sqrt{6}}{8}$.
6. (a) $-\frac{\pi}{2}$.
(b) 0.
7. 0.
8. $-\pi$.
9. $\frac{\pi}{16}$.
10. 2π .