

1.2 | 연습문제 정답

01. 7

02. $x = \frac{\pi}{3}, \frac{5}{3}\pi$

03. $x = \frac{3}{4}\pi, \frac{7}{4}\pi$

04. $x = \pi$

05. $x = \frac{\pi}{2}, \frac{\pi}{3}, \frac{5\pi}{3}$

06. $\frac{\pi}{6} < x < \frac{\pi}{3}$

07. $\pi < x < \frac{3}{2}\pi$

08. $f^{-1}(x) = \ln x + 1 \ (x > 0)$

09. $\frac{1}{3}$

10. $2\ln(2 + \sqrt{4 - x^2}) - 2\ln x$

11. $x = \pm 1$

12. $x = \ln 3$

13. $x = 1, x = -\frac{2}{3}$

14. $x = 7$

15. $3000e^{\frac{9\ln 2}{5}}$