

§ 9.1 指数関数

問題 9.1 $f(x) = 4^x$. (1) $f(3) = 4^3 = 64$. (2) $f(-2) = 4^{-2} = \frac{1}{4^2} = \frac{1}{16}$.

(3) $f\left(\frac{5}{2}\right) = 4^{\frac{5}{2}} = (2^2)^{\frac{5}{2}} = 2^5 = 32$.