เฉลยแบบฝึกหัดเสริม 4.1

1. a. 2.9981 b. 62.375×10^{-9}

2. a. $df(x) = (4x + 5)dx$

   b. $df(x) = \left(\dfrac{3x^2 + 20x - 11}{(2x + 1)^4} \right) dx$

   c. $df(x) = \left(4(x + 8)^3 ((x + 1)^{\frac{2}{3}} + 8x^2 - 5) + (x + 8)^4 (\dfrac{2}{3}(x + 1)^{-\frac{1}{3}} + 16x) \right) dx$