G = [- []

Start here for

Question Number: 4

(9)(1) distance = 1 + \$50 x (1-9) = 7Km (ii) \$3 1+ (rx0.75 = 10 1=13 (Queck/B)

(11 / = 13 1+ (n-1)0.75) + 13×10 = 130 + (1/2 × 13) = 201,5

(b) $A = \left(\int_{0}^{2} e^{2x} dx\right) - \left(\int_{0}^{2} e^{-2x} dx\right)$ = $\int_{0}^{2} e^{2x} - e^{-2x} dx$ = [1e2x+e2]2 $=\left(\frac{1}{2}e^{4}+e^{-2}\right)4-\left(2\right)$

(c/1) 3 × 11 = 11 (ii) 3× 11 × 3 > 3 (111/ 1 - 3 = 71

(d) +(x) x+(-x)= (1+e2) x (1+e2) = | + e2 + e + 1 = e2+e2+2 = 1+e2 + 1+ex = f(x) +f(-x) - RH5