

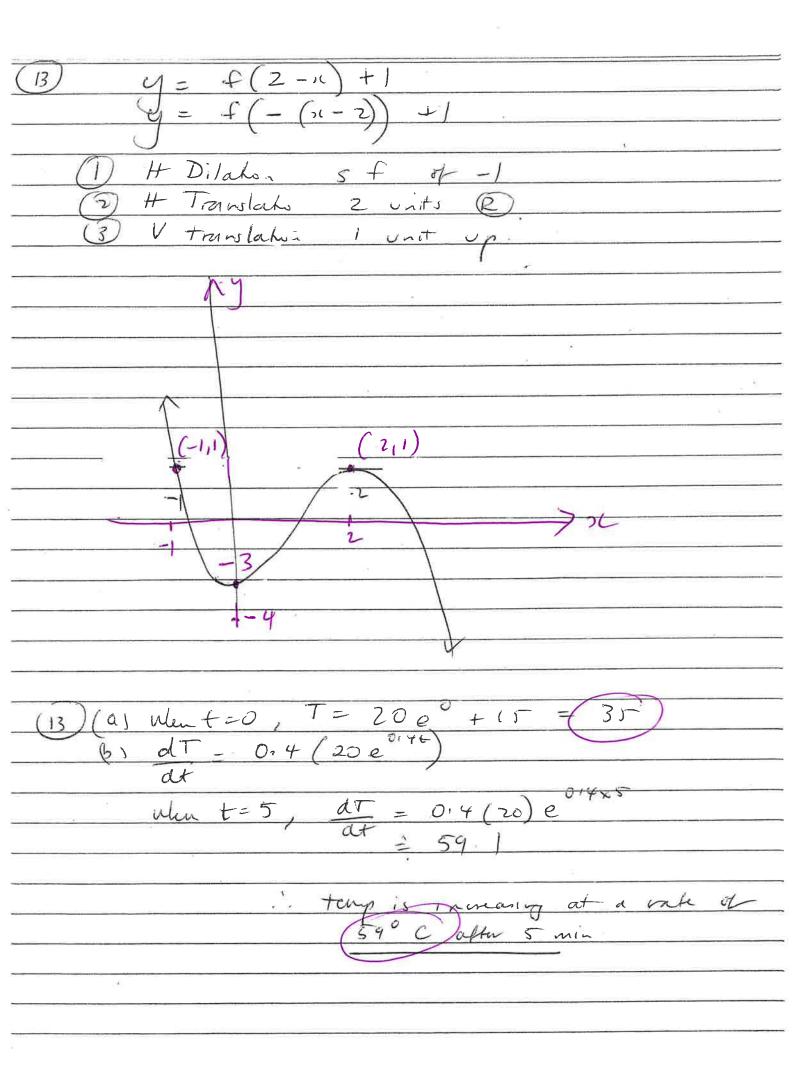


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Tie.

 $y = \left(\begin{array}{c} x + 1 \\ 2 \end{array} \right)^2$ DH Ditahon S f of 2 DH translator I vust (C) $\log_2 x + \log_2 (x-3) = 2$ log x (n-3) = 2 2= 2(11-3) 4= >(1-3) パー 3に -4=0 (n-4)(n+1)=0but 2 > 0 so x = -1 and 2-370 273 50 70= 4,6 dy = -6e dy = 12e -2x LHS = $12e^{-2x} + 3x - 6e^{-2x} + 2(3e^{-2x})$ = $12e^{-2x} - 18e^{-2x} + 6e^{-2x}$ = RHT

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