Class Discussion

Unit 7 Topic 2 System of Equations

Ex Solve the following systems of equations

(1)
$$\begin{cases} \dfrac{1}{x+1} + \dfrac{1}{y+2} = 1 \\ \dfrac{3x}{x+1} - \dfrac{y}{2y+4} = 3 \end{cases}$$

(2)
$$\begin{cases} (x+1)(y-2) = e^5 \\ \dfrac{(x+1)^2}{(y-2)^3} = e^2 \end{cases}$$

(3)
$$\begin{cases} e^{x+1} + 2e^{y+1} = 4 \\ e^{x-2} - e^y = -\dfrac{1}{2} \end{cases}$$