ANSWERS

A)_____

B)_____

C)_____

A) If $\dfrac{1}{a(b+1)} + \dfrac{1}{b(a+1)} = \dfrac{1}{(a+1)(b+1)}$, what is the value of $\dfrac{1}{a} + \dfrac{1}{b}$?

B) The numerator of a fraction is two less than the denominator. When both the numerator and the denominator are increased by five, the result is 4/3 of the original fraction. ~~What was the original fraction?~~ Find all possible original fractions.

C) If $\dfrac{x-3y}{x+2y} = 4\dfrac{2}{3}$, what is the value of $\dfrac{3x}{4y}$ expressed as a fraction?