MAC 2312 Calculus II, Worksheet #6A: Partial Fractions Video Follow up problems

Date: _____   Name:_____

Using Partial Fractions (TYPE I) to separate the following rational functions and integrate them:

Q1) $\dfrac{1}{(x-1)(x+1)}$

Q2) $\dfrac{2x}{(x+1)(x+2)}$

Q3) $\dfrac{x+1}{x(x+2)}$

Q4) $\dfrac{(x-3)}{(x^2+5x+4)}$.