# MAC2312: Calculus 2 - Section 3

## Quiz 3: 7.4 Integration of Rat'l Fcns by Part'l Fractions     May 21, 2015

1. Evaluate $\displaystyle\int \frac{5x+1}{(2x+1)(x-1)}\,dx$.

    A. $2\ln|2x+1| + \dfrac{1}{2}\ln|x-1| + C$

    B. $\dfrac{1}{2}\ln|2x+1| + 2\ln|x-1| + C$

    C. $\ln|2x+1| + 2\ln|x-1| + C$

    D. $2\ln|2x+1| + \ln|x-1| + C$