

College of the Holy Cross, Spring Semester, 2019  
Math 134 Worksheet 10  
Due Friday, March 15

1. Use partial fractions to evaluate the following.

(a)  $\int \frac{x+5}{x^2-x-6} dx$

(b)  $\int \frac{12}{x^3-4x} dx$

(c)  $\int \frac{x}{(x-1)(x^2+4)} dx$

(d)  $\int \frac{8x}{(x+2)^2(x-5)} dx$

(e)  $\int \frac{x^3}{x^2-5x+4} dx$