Calculus Section 8.5 Partial Fractions (Quadratic Factors)
-Use partial fraction decomposition with quadratic factors

Homework: page 549 #’s 12, 17, 19

When using partial fractions with linear factors, making good choices for values of x can immediately yield values for your coefficients. However, with quadratic factors, a system of linear equations usually has to be solved, regardless of the choice of x.

**Example) Distinct Linear and Quadratic Factors**Find 

**Example) Repeated Quadratic Factors**