

M1B/Schoenbrun      Section 7.5 Partial Fractions

$$1) \int \frac{7}{(x-2)(x+5)} dx$$

$$2) \int \frac{x+3}{x^2 - 3x + 2} dx$$

$$3) \int \frac{2x^3 + 11x^2 + 28x + 33}{x^2 - 6x - 6} dx$$

NOTE: Reduce the degree of the numerator first by using long division!!!!