

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!!!!