Exponential and Logarithmic Integration

In problems 1-12, find the indefinite integral

1. $\int \left(7e^{7x-1}\right)dx$	2. $\int \left(e^{4x+3}\right)dx$
3. $\int \left(3xe^{6x^2+2}\right)dx$	4. $\int \left((2x-5)e^{x^2-5x+1}\right)dx$
5. $\int \left(\dfrac{1}{x+5}\right)dx$	6. $\int \left(\dfrac{1}{7x-2}\right)dx$
7. $\int \left(\dfrac{5}{8x-1}\right)dx$	8. $\int \left(\dfrac{x-4}{x^2-8x+5}\right)dx$
9. $\int \left(\dfrac{e^x}{e^x-5}\right)dx$	10. $\int \left(\dfrac{x^2-3x+5}{x-2}\right)dx$
11. $\int \left(\dfrac{x^2-8x+2}{x-3}\right)dx$	12. $\int \left(\dfrac{e^{2x}+5e^x-2}{e^x}\right)dx$