

More work with U-Substitutions

1) $\int (2x+5)(x^2+5x)^7 dx$

2) $\int (3-x)^{10} dx$

3) $\int \sqrt{7x+9} dx$

4) $\int \frac{x^3}{(1+x^4)^{1/3}} dx$

5) $\int 4 \cos(3x) dx$

6) $\int \cos(7x+5) dx$

7) $\int (\sin^4 x)(\cos x) dx$

8) $\int (x^2+2x-3)^2(x+1) dx$