Lab Worksheet for October 14, 2021

Practice with u substitution.

Solve the following indefinite integrals.

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

$$5. \int \frac{12 x^3}{2 \sqrt{3x^4}} dx$$

7.
$$\int 2(x^3+2x)(3x+2) dx$$

9.
$$\int \frac{dx+1}{2x^2+x} dx$$

10.
$$\int \frac{2 \times +1}{1 + (\chi^2 + \chi)^2} \, dx$$