

7.6 Tables and CAS:

Tables in Appendix: Look for Patterns

On-line Tables

Computer Algebra System, CAS

On computer: [geogebra webstart](#)

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Instruction video

Study 7.6 CAS #3 (p.514)

Class Notes: Prof. G. Battaly, Westchester Community College, NY

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7.6 Tables and CAS:

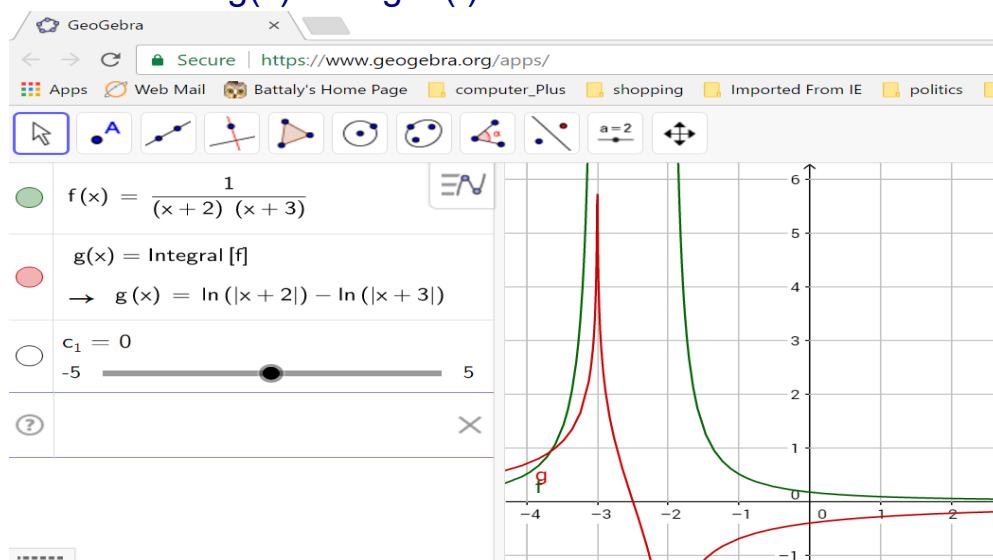
Computer Algebra System, CAS

Evaluate: $\int \frac{1}{(x+2)(x+3)} dx$

1. Enter integrand as f(x)
2. Enter g(x)= integral(f)

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Computer Algebra System, CAS

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Evaluate: $\int \frac{1}{(x+2)(x+3)} dx$

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1. Enter integrand as f(x)
2. Enter g(x)= integral(f)

Note the slider for the constant of integration :)

3. Repeat the steps above for other integrals, using f2(x), f3(x), etc for integrands and g2(x), g3(x), etc for the integrals

Evaluate: $\int \frac{1}{(x+1)(x+5)} dx$

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

$\int \frac{1}{(x+2)^2} dx$

$\int \frac{1}{(x+a)(x+b)} dx$

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