PAGE 1: SIMPLE MATH (should render well)

Basic equations: a + b = c

Powers: x^2, y^3, z^n

Simple fractions: 1/2, 3/4, a/b

Square roots: sqrt(x), sqrt(16) = 4

Greek words: alpha, beta, gamma, delta, pi

Trigonometry: sin(x), cos(x), tan(x)

Logarithms: log(x), ln(e) = 1

PAGE 2: COMPLEX MATH (may have rendering issues)

Inline fractions:

Simple: x/y

Complex numerator: (a+b)/(c-d)

Nested: (x+y)/(z*(a+b))

With powers: (x^2 + y^2)/(2*sqrt(z))

Physics equations:

Kinetic energy: KE = (1/2)*m*v^2

Quadratic formula: x = (-b +/- sqrt(b^2-4ac))/(2a)

Maxwell: del cross B = mu_0*J + mu_0*eps_0*(dE/dt)

Schrodinger: i*hbar*(dpsi/dt) = H*psi

Wave function norm: integral |psi|^2 dx = 1

Subscripts/Superscripts as text:

Chemical: H_2O, CO_2, C_6H_12O_6

Physics: E_0, epsilon_0, mu_0

Math: x_i, a_n, sum_i x_i

Powers: 10^6, e^(i*pi), x^(n+1)