A1) Sketch the graph of $y = 2^x$.

C1) Sketch the graph of $y = 2^{-(x+4)} - 1$.

B1) Identify the x-intercept, y-intercept, equation of asymptote, domain and range for $y = 2^{-(x+4)} - 1$.

C2) Sketch the graph of $y = 2(3)^x + 1$.

B2) Identify the x-intercept, y-intercept, equation of asymptote, domain and range for $y = 2(3)^x + 1$.

D1) Solve $8^{3x-2} = 16^{4(x-4)}$

D2) Solve $\sqrt{27} = 3^{2x+1}$