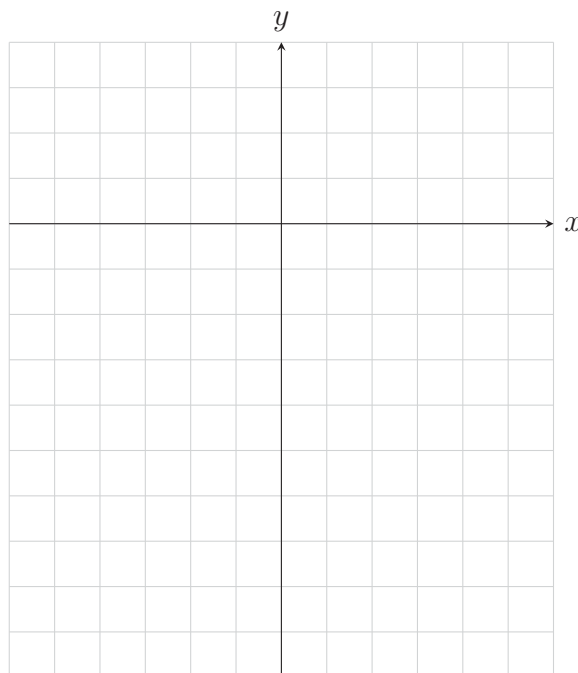


Math 111 LP 7 -  $y = e^x$  and intro to solving exponential equations

1. Graph  $g(x) = -2e^{2x-3} + 1$  using transformations of  $y = e^x$ .



2. Solve the following exponential equations.

a.  $5^{2x+1} = 625$

b.  $64^{x+1} = 128^{3x-2}$