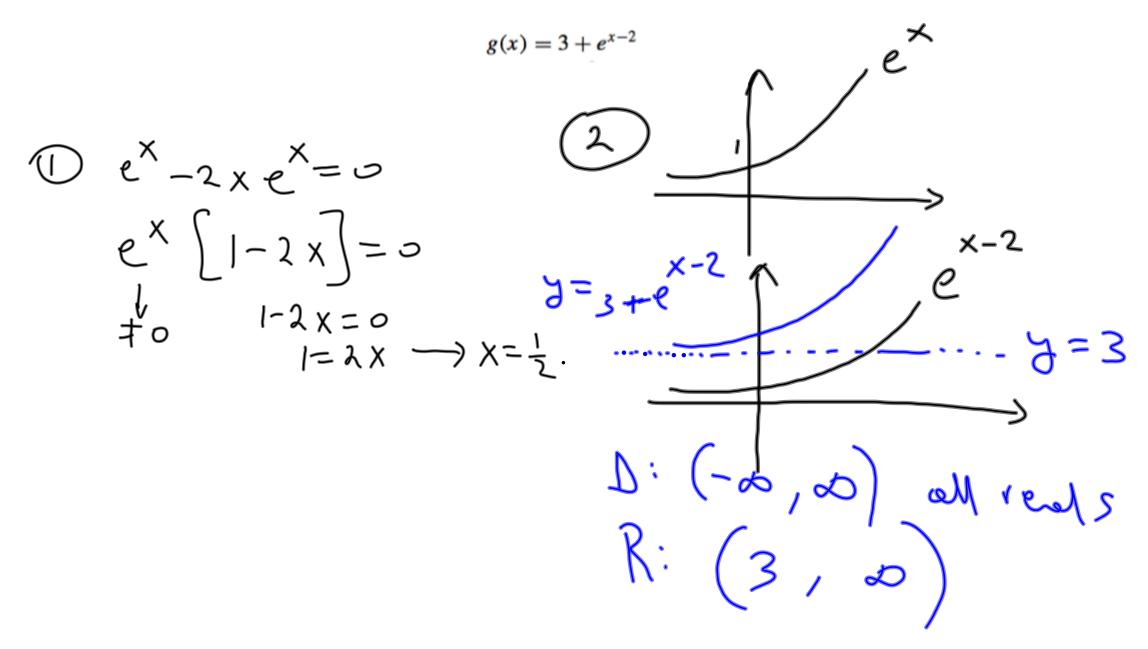
Present neatly. Justify for full credit. No Calculators.

1.Solve:

$$e^x - 2xe^x = 0$$

2. Sketch the graph of the function. State the domain and range.



Present neatly. Justify for full credit. No Calculators.

Name _____ ~20 minutes / F

1.Solve:

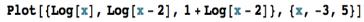
$$xe^{-x} + 2e^{-x} = 0$$

2. Sketch the graph of the function. State the domain and range.

$$f(x) = 1 + \ln(x - 2)$$

2. Order of transformations of y = ln(x)Horizontal shift of 2 units to the right. Vertical shift of 2 units upward.

Domain: x > 2 Range: all reals



 $e^{-x}(x+2)=0$

