DoThis 4.6

Solve the equation $2^{-x} = 5$ ....

a.) by taking the natural log of both sides.
b.) by taking log, base 2, of both sides.
c.) graphically. Draw the graph and show your solution.
d.) by rewriting the equation as a log equation.
e.) Which method do you prefer? Why?

Round your final answer to two decimal places. Round intermediate answers to at least four decimal places. Although, it is best not to round your intermediate answers at all.