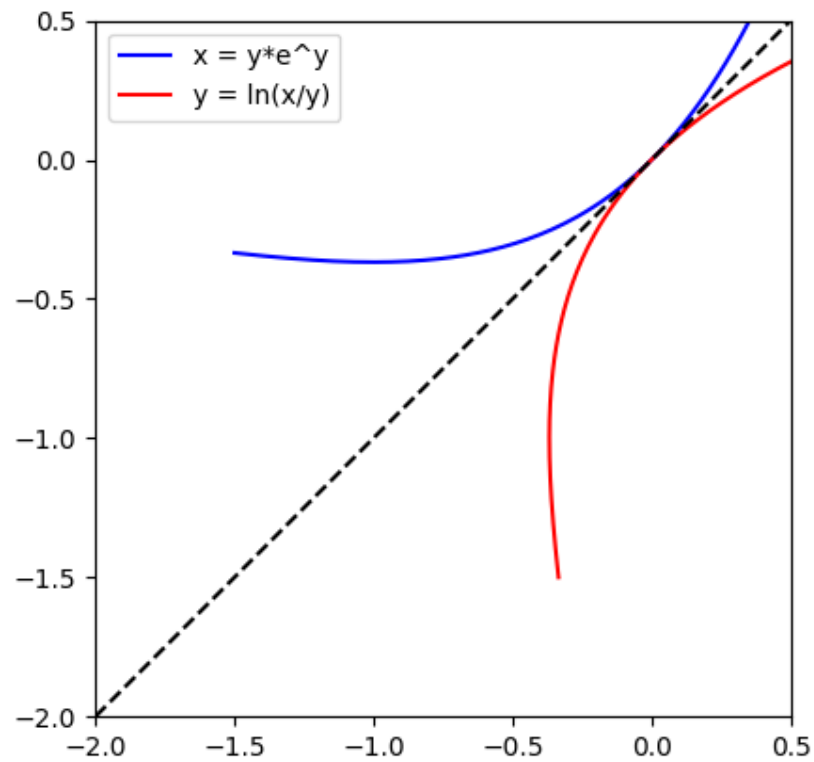**Q4:**

Answers

Fig 1: The function $x = ye^y$, and its inverse plotted with the bisector $y = x$.