

709.782712893384

>>> e ** 709.782712893384

1.7976931348622053e+308

>>> e ** 709.782712893385

Traceback (most recent call last):

File "<stdin>", line 1, in <module>

OverflowError: (34, 'Numerical result out of range')

>>> 1 / 1.7976931348623157e+308

5.562684646268003e-309

>>> 1 / 1.7976931348623159e+308

0.0

>>> from math import inf