Rounding Decimals There are primarily five ways of sounding of decimals in Ming? 1) founcation () floor 1) fix 1) rounding () ceil Truncation Remove the decimals, and return the float Minger closest to sees . Use the Lounce fix () function. imbact ensubly or experient (1 pourse) ars =np. dounc([-3.1666, 3.6667]) being (dee) ed samp example, using fix(); impost sumply as sub Coing (also) (L-3.1000 2.000) 2012/01/ stylosed A Both to absolute () and the obs The around() function increments precedi diget or decimal by 1 if >= 5 else do nothing. et Round off 3.1666 to 2 decimal places: imbast enamble as ext being (ass) assonard (3.1969, 5)

F/00x The floor () function rounds off clecimal to nearest lower integer. eg floor of 3.166 is 3 import numpy as np arr= np. floor ([-3.1666, 3.669]) print (aro) [=4, 3.] (R) The floor () function returns floods, unlike the tounc() function who returns vintegery. Cel The cell() function poisunds off decimal to nearest upper unteger. F.g ceil of 3.166 és 4 ail the elements of following array. de so stanned as its over = mp. ceil ([-3-1666, 3.6667]) Deing (ones) [-3. y. Mumpy Logs MANUEL RAILMANT Log Numpy possides fernations to perform leg at the base 2, e and 10. Log at Base 2 Use the log2() femotion to perform log at the imbost smult on ub bring = sibo orsounde (1010) bount (ub. rod 5 (ars)) 1.5849825 2, 2,30

Log at Baselo Use the log 10() function. imbaet enabled as est Legat (wb. Jod 10 (dree)) dree 5 wb. dreads (110) Natural Log, 08 Log at Base Use the log() function to perferon log at the base are = who assends (1'10) bount (ab g (das)) Log at Any Base foor math Emport log impost sumpy as no molog = np. to frompy func (log, 2,1) point (onplay (100, 15)) 1.7005483074682052