

In [116]:

# 연습문제 1 / 예제(5.4), p156

from scipy.integrate import quad

from scipy.stats import \*

meeting\_hours = 3

def f(x):

if 0 <= x <= 4:

return 1/4

else:

return 0

print(f'확률밀도함수 : {uniform.pdf(meeting\_hours, loc=0, scale=4)}')

result, \_ = quad(f, meeting\_hours, 4)

print(f'회의가 최소한 3시간 이상일 확률 : {result}')

확률밀도함수 : 0.25

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