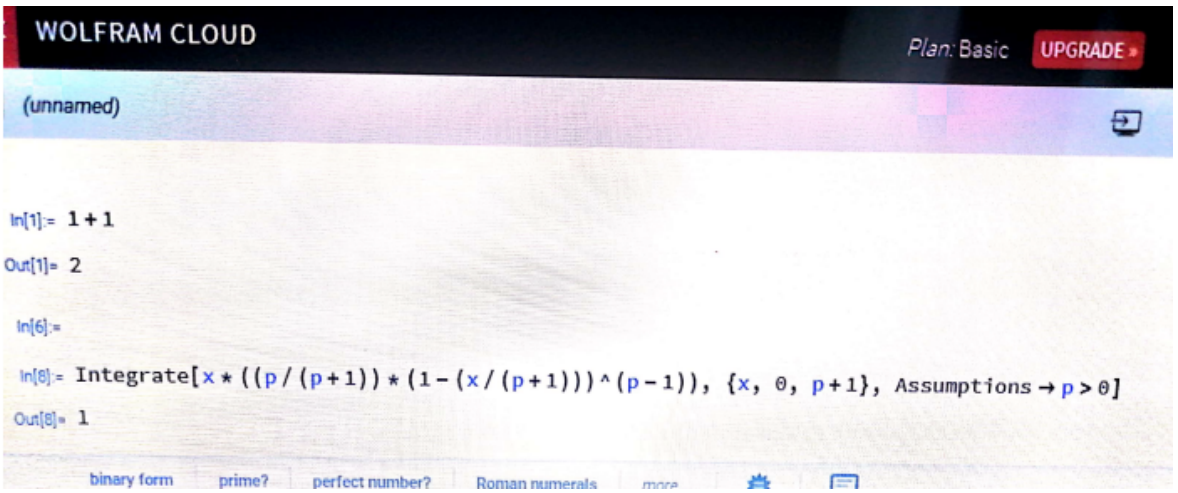
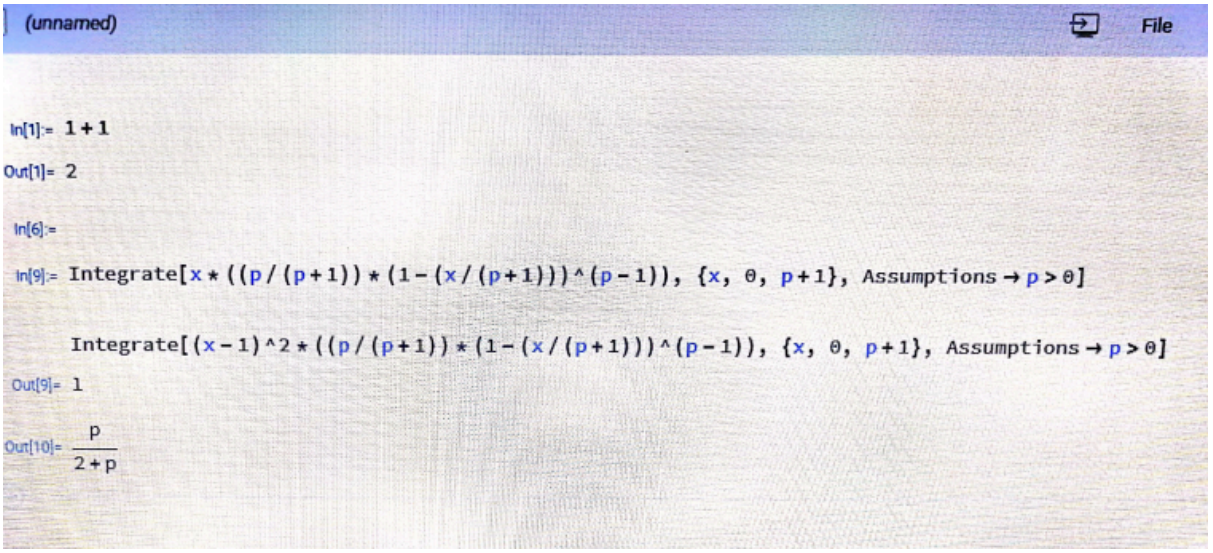
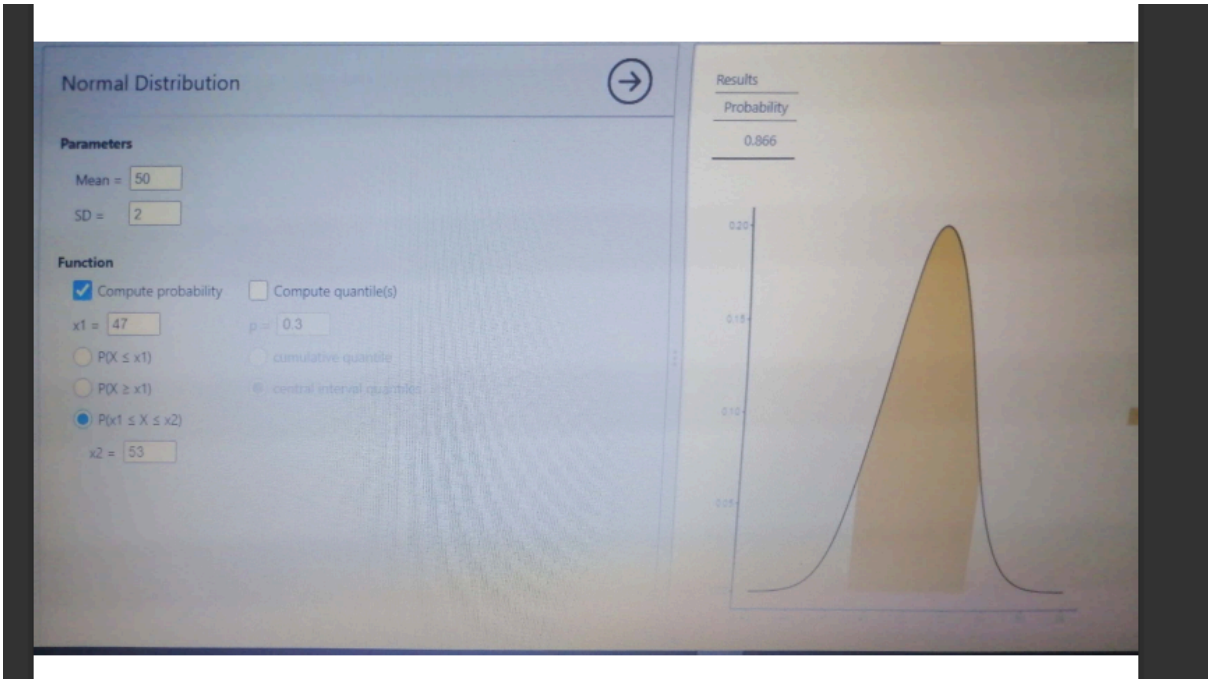

WOLFRAM CLOUD
Plan: Basic
UPGRADE »
(unnamed)
In[1]:= 1 + 1
Out[1]= 2
In[6]:=
In[8]:= Integrate[x * ((p / (p + 1)) * (1 - (x / (p + 1)))^(p - 1)), {x, 0, p + 1}, Assumptions → p > 0]
Out[8]= 1
binary form
prime?
perfect number?
Roman numerals
more

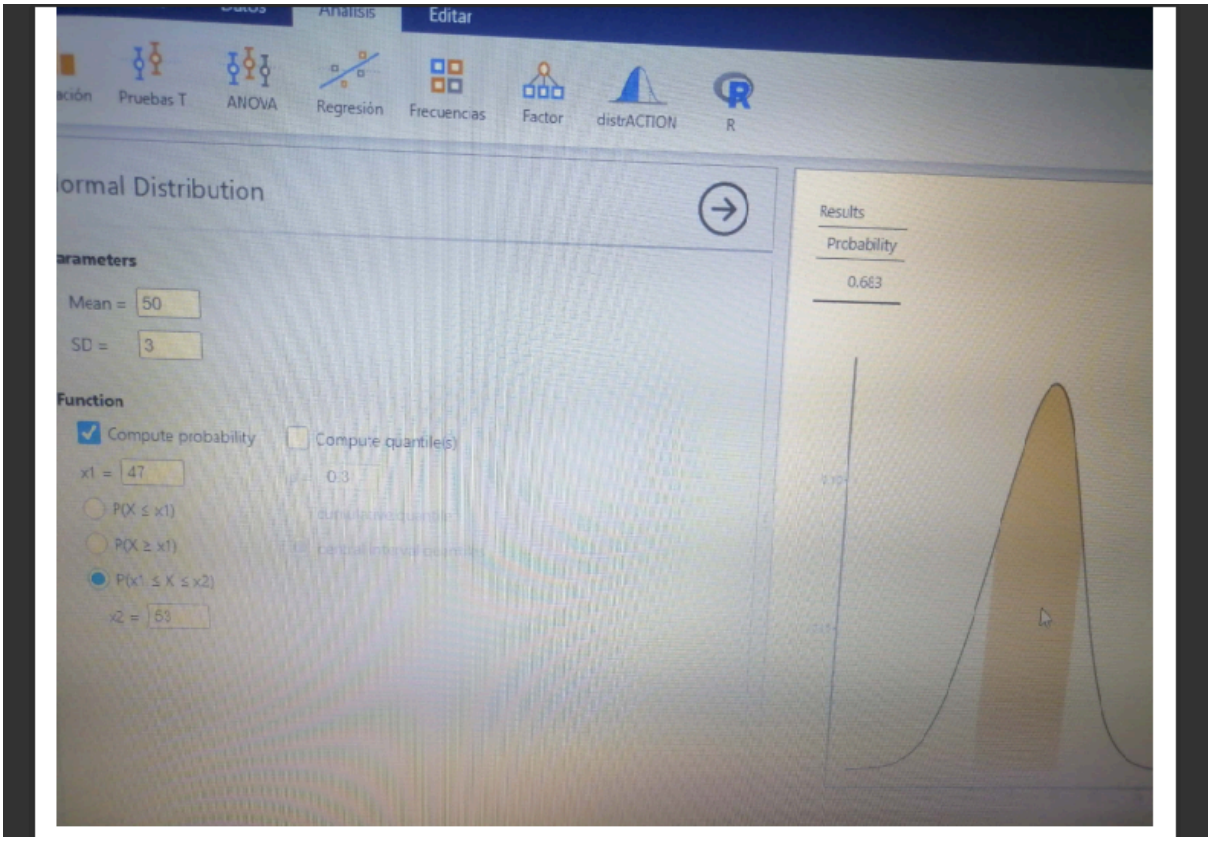

(unnamed)
File
In[1]:= 1 + 1
Out[1]= 2
In[6]:=
In[9]:= Integrate[x * ((p / (p + 1)) * (1 - (x / (p + 1)))^(p - 1)), {x, 0, p + 1}, Assumptions → p > 0]
Integrate[(x - 1)^2 * ((p / (p + 1)) * (1 - (x / (p + 1)))^(p - 1)), {x, 0, p + 1}, Assumptions → p > 0]
Out[9]= 1
Out[10]= p / (2 + p)

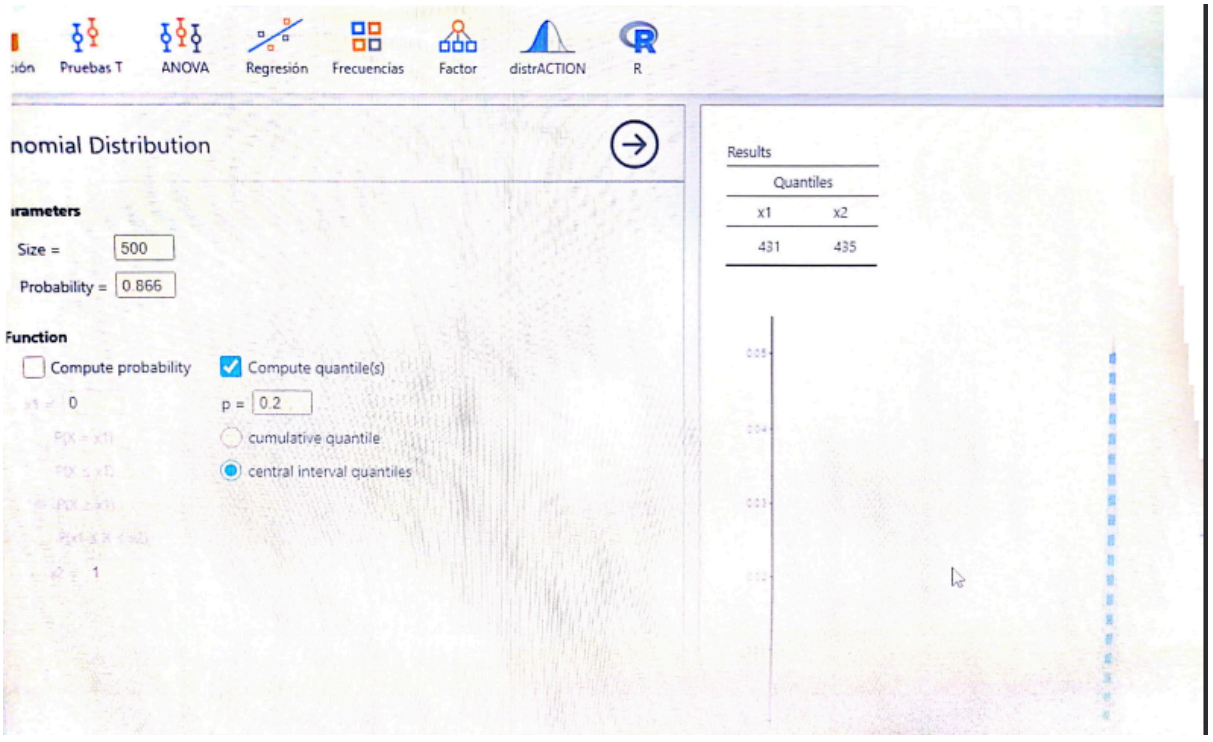
$$R_X(t) = \frac{\frac{\alpha}{\beta} \cdot \left(\frac{x}{\beta}\right)^{\alpha-1} \cdot e^{\left(-\frac{x}{\beta}\right)^{\alpha}}}{e^{\left(-\frac{x}{\beta}\right)^{\alpha}}}$$

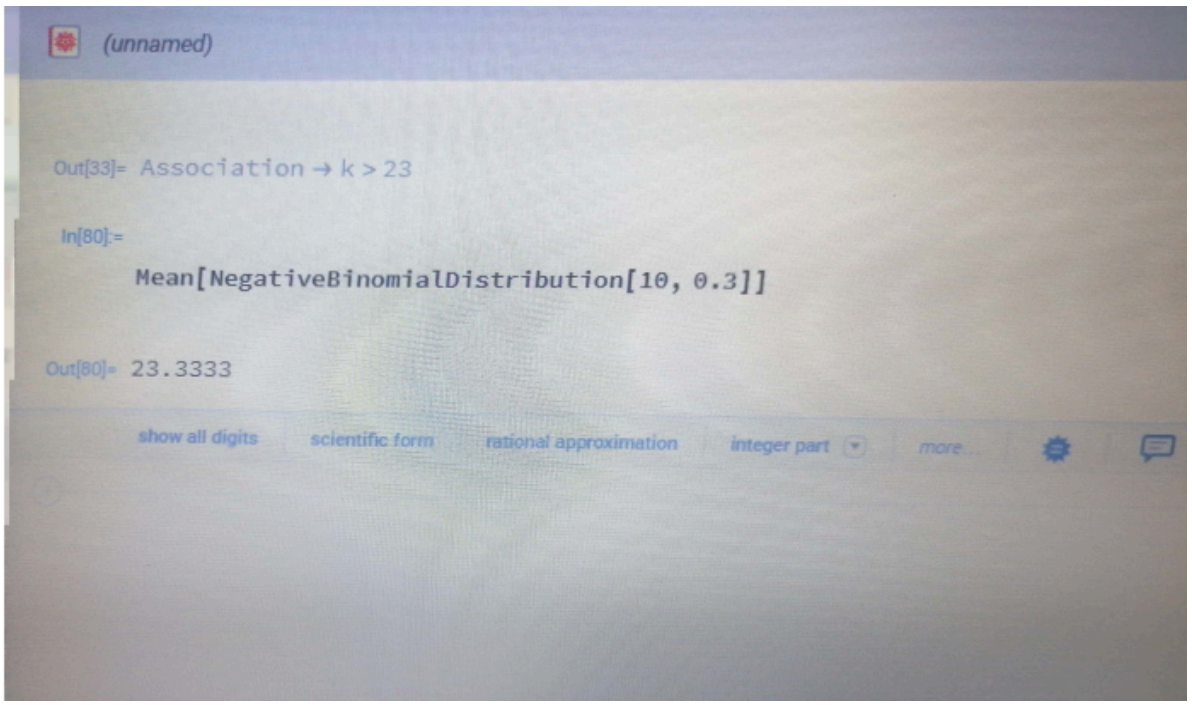
$$\frac{\alpha}{\beta} \cdot \frac{x^{\alpha-1}}{\beta^{\alpha-1}} \cdot e^{\left(-\frac{x}{\beta}\right)^{\alpha}} \cdot e^{\left(+\frac{x}{\beta}\right)^{\alpha}}$$

$$\frac{\alpha \cdot x^{\alpha-1}}{\beta^{\alpha}} \Rightarrow \frac{\alpha \cdot t^{(\alpha-1)}}{\beta^{\alpha}}$$




Análisis
Editar
Pruebas T
ANOVA
Regresión
Frecuencias
Factor
distrACTION
R
ormal Distribution
arameters
Mean = 50
SD = 3
Function
Compute probability
Compute quantile(s)
x1 = 47
P(X ≤ x1)
P(X ≥ x1)
P(x1 ≤ X ≤ x2)
x2 = 53
Results
Probability
0.683


Pruebas T
ANOVA
Regresión
Frecuencias
Factor
distrACTION
R
nomial Distribution
arameters
Size = 500
Probability = 0.866
Function
Compute probability
Compute quantile(s)
p = 0.2
cumulative quantile
central interval quantiles
Results
Quantiles
x1
x2
431
435


(unnamed)
Out[33]= Association → k > 23
In[80]:=
Mean[NegativeBinomialDistribution[10, 0.3]]
Out[80]= 23.3333
show all digits
scientific form
rational approximation
integer part
more...

```
Out[33]= Association → k > 23

In[95]:=

r = 10
p = 0.3
probabilidad = 1 - CDF[NegativeBinomialDistribution[r, p], 22]

Out[95]= 10

Out[96]= 0.3

Out[97]= 0.495078
```

```
Out[33]= Association → k > 23

In[98]:=

N[Mean[RandomVariate[NegativeBinomialDistribution[10, 0.5], 1000]]]

Out[98]= 10.28
```

show all digits scientific form rational approximation integer part more...